

Phase I Environmental Site Assessment

Tropicana Parcels – 13th Avenue @ 6th Street East
409, 413, 417 13th Avenue E and 516 12th Avenue Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, and
4591300001

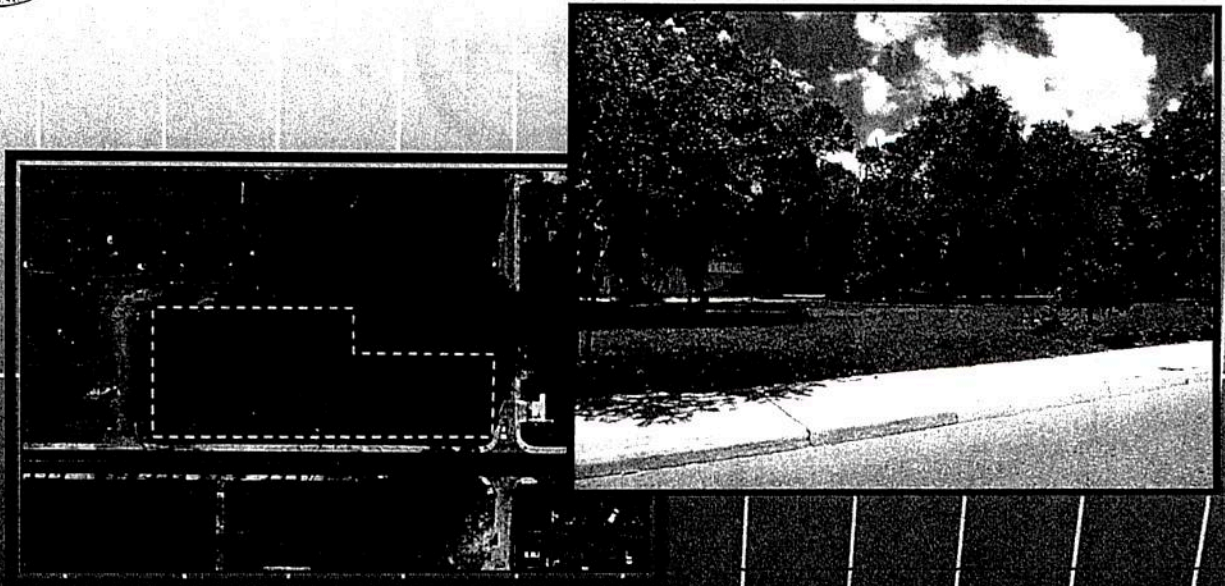
Conducted Under
EPA Cooperative Agreement No. BF-95481811-0

Prepared for:

July 2013



Sarasota/Manatee Metropolitan Planning Organization
7632 15th Street East
Sarasota, FL 34243-3248



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7632 15th Street East
Sarasota, FL 34243-3248

prepared by:



Shaping the Future

380 Park Place Boulevard, Suite 300
Clearwater, FL 33759
Project No. 00022-959-00

July 2013

*This Client/Grantee
received funding from
the EPA for this project.*



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1. Executive Summary

Cardno TBE has completed a Phase I Environmental Site Assessment (ESA) of the property located at 409, 413 and 417 13th Avenue East, as well as 516 12th Avenue Drive East, Bradenton, Manatee County, Florida (Parcel Nos. 4618800009, 4618700001, 4618600003, and 45913000011123). The study area is herein referred to as "the subject site/property" or "the site." The site consists of approximately 0.84 acres of land with a current recorded land use of vacant residential.

This assessment was performed to satisfy the requirements of the Client (the Sarasota-Manatee MPO) and their assign (the City of Bradenton) with respect to potential environmental impairment and liabilities associated with the property due to contamination by hazardous substances, controlled substances or petroleum products on or near the site. This report meets the general requirements for conducting all appropriate inquiry into the previous ownership, uses, and environmental conditions of a property, as specified in 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries. Furthermore, this work was conducted by or under the responsible charge of an environmental professional as defined in 40 CFR §312.10.

Finding/Opinion: This assessment has identified no direct evidence suggesting recognized environmental conditions (RECs) at the subject property as defined by ASTM Standard Practice E1527-05.

Please note: This is a cursory summary of findings. The full report must be read in its entirety for a comprehensive understanding of these findings.

Recommendation: Based on this finding, additional assessment does not appear warranted at this time. However, given the extensive history of the east parcel of the subject site being utilized as a residential property, any type of illicit dumping, mis-handling or previous storage of hazardous materials and/or petroleum products (such as a heating oil tank) would not have been recorded. As such, any deleterious materials and/or tanks encountered as part of future excavation of this property will need to be addressed at that time.

2. Introduction

2.1 Purpose

The purpose for conducting the Phase I Environmental Site Assessment (ESA) is to gather sufficient information to develop an independent professional opinion about the environmental condition of the subject property and to identify actual or potential recognized environmental conditions (RECs) which may impact the property value or effect claim to an "innocent land owner" exemption following acquisition. ASTM defines RECs as the following:

"The term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

2.2 Detailed Scope-of-Services

A copy of Cardno TBE's approved scope-of-services and property information (as provided by County records) are included as **Appendix A**. In summary, Cardno TBE has performed their services in a manner consistent with the EPA *Standard for All Appropriate Inquiries* and ASTM E1527-05.

No additional investigations or other quantitative/qualitative testing was performed as part of this assessment, and no other work was performed as part of this assessment. As such, this assessment did not include a vapor intrusion evaluation, asbestos survey, lead based paint screening, radon survey, wetlands delineation or threatened and endangered species survey.

2.3 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the property may have occurred which could not be identified.

The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. Please note however, that virtually no scope of work, no matter how exhaustive, can identify all contaminants or all conditions above and below ground. Cardno TBE also assumes that the Client will read this report in its entirety.

2.4 Limitations and Exceptions

2.4.1 Limitations

In order to conduct the investigation for this report, Cardno TBE relied upon readily available information as discussed in the report and, unless explicitly included in our scope, included no verification of the accuracy or completeness of documentation or data or possible withholding of information by the interviewees, agencies, or other parties. The opinions and conclusions provided in this report are based on information available to Cardno TBE at the time of this submittal. Cardno TBE therefore, reserves the right to amend its recommendations and opinions if information obtained at a later date so requires.

2.4.2 Exceptions, Deviations and/or Data Gaps

Adequate data was gathered for the Environmental Professional to determine if RECs related to the property were present. No significant data gaps have been identified.

2.5 Special Terms and Conditions

There were no special terms or contractual conditions for this assessment outside any active contract on-file between the Client and Cardno TBE as of the date of this report.

2.6 User Reliance

This report may be distributed and relied upon by the Client and their assigns. Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of Cardno TBE. This reliance is valid only as an accurate description of the Property and any potential environmental conditions on the subject property as of the date of this report. In addition, this report has no other purpose and should not be relied upon by any other person or entity, except as provided herein.

This assessment was performed in accordance with generally accepted practices of the profession undertaken in similar studies at the same time and in the same geographical area, and Cardno TBE observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

3. Site Description

3.1 Location and Legal Description

The subject property is located at 409, 413 and 417 13th Avenue East, as well as 516 12th Avenue Drive East, Bradenton, Manatee County, Florida (as depicted in **Figures 1 and 2**). The legal descriptions of the subject property parcels as provided in County records are as follows:

- **Parcel No. 4618800009 (Site Address: 409 E 13th Ave)**
THE E 200 FT OF S 125 FT OF LOT 12 OF MRS JULIA CURRY PLAT, LESS E 133 FT THEREOF
- **Parcel No. 4618700001 (Site Address: 413 E 13th Ave)**
E 200 FT OF S 125 FT OF LOT 12, LESS E 66 FT & LESS W 67 FT THEREOF MRS JULIA CURRY PLAT
- **Parcel No. 4618600003 (Site Address: 417 E 13th Ave)**
E 200 FT OF S 125 FT OF LOT 12 LESS W 134 FT THEREOF SUB OF E1/2 OF NW1/4 OF NW1/4 MRS JULIA CURRY PLAT
- **Parcel No. 4591300001 (Site Address: 516 12th Avenue Dr E)**
LOT 11 LESS N 20 FT, LOT 12 BLK N LINCOLN HEIGHTS

3.2 Site and Vicinity General Characteristics

The subject property consists of 0.84 acres of vacant/undeveloped land. The general vicinity of the subject site is sparsely developed with residential properties to the north and west, undeveloped lands to the east, and a public school property to the south. A surrounding land use map is included as **Figure 3**.

3.3 Current Use of the Property

The subject property is currently vacant and undeveloped. No obvious indications of previous land uses were observed during the recent site visit.

3.4 Descriptions of Roads, Other Improvements on the Site

No improvements were observed within the boundaries of the subject site.

3.5 Current Uses of the Adjoining Properties

| | |
|--------|-----------------------------|
| North: | Residential |
| East: | Vacant (former residential) |
| South: | School |
| West: | Residential |

4. User Provided Information

4.1 Title Records

This service was not requested by the Client as part of this assessment. In addition, no title records were provided for review.

4.2 Environmental Liens or Activity and Use Limitations

None identified by the End User of this report.

4.3 Specialized Knowledge

None provided.

4.4 Commonly Known or Reasonably Ascertainable Information

The former residential land use is common knowledge.

4.5 Valuation Reduction for Environmental Issues

None identified by the Site Owner or potential End User.

4.6 Owner, Property Manager, and Occupant Information

The current owner of the subject property is Tropicana Manufacturing Company, Inc. of Dallas, Texas. According to available records, each parcel was purchased as vacant land between April 2000 and April 2004 from private land owners.

4.7 Reason for Performing Phase I

This assessment was performed to satisfy the requirements of the Client with respect to potential environmental impairment and liabilities associated with the property due to contamination by hazardous substances, controlled substances or petroleum products on or near the site.

5. Records Review

The purpose of the records review is to obtain and review records that will help identify RECs in connection with the property. Some records reviewed pertain not only to the property, but also to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. Unless stated otherwise the approximate minimum search distances used below were as specified in ASTM Standard 1527-05.

5.1 Standard Environmental Record Sources

A search of available federal, state and local environmental records was obtained from Environmental Data Resources, Inc. (EDR). A copy of the search results is provided in **Appendix B**. The environmental records were requested with a center-point of the study area located approximately 300 feet west of the subject property. Adjustments were made to recorded distances from the subject site during agency documentation review.

Due to discrepancies in the location of some facilities in the databases arising from incorrect or incomplete addresses, some facilities may be listed as un-mappable. No unmappable facilities were observed to be within the ASTM minimum search distance of the subject property. More detailed information regarding the individual databases searched is included in the Government Records Searched/Data Currency Tracking section of the EDR report. This section of the appended report also includes information regarding when each database was last updated. All database searches were conducted by EDR using the following search radii:

Federal Records

NPL/Superfund Sites
Proposed/Delisted NPL Sites
NPL Liens
CERCLIS Sites
CERCLIS-NFRAP Sites
RCRA CORRACTS TSD Facilities
RCRA non-CORRACTS TSD Facilities
RCRA Generators
ERNS Hazardous Spills
Hazardous Material Information Reporting System
US Engineering Controls
US Institutional Controls
Department of Defense (DOD)
Formerly Use Defense Sites (FUDS)
US BROWNFIELDS Sites
Superfund Consent Decrees (CONSENT)
NPL Records of Decision (RODS)
Uranium Mill Tailings Sites (UMTRA)
Open Dump Inventory (ODI)
Toxic Chemical Release Inventory System (TRIS)
Toxic Substance Control Act (TSCA)

Search Radius Used

1-Mile Search Radius
1-Mile Search Radius
Site Search Only
½ -Mile Search Radius
½ -Mile Search Radius
1-Mile Search Radius
½ -Mile Search Radius
¼ -Mile Search Radius
Site Search Only
Site Search Only
½ -Mile Search Radius
½ -Mile Search Radius
1-Mile Search Radius
1-Mile Search Radius
½ -Mile Search Radius
1-Mile Search Radius
1-Mile Search Radius
½ -Mile Search Radius
½ -Mile Search Radius
Site Search Only
Site Search Only

FIFRA/TSCA Tracking System (FTTS)
 Section Seven Tracking System (SSTS)
 PCB Activity Database System (PADS)
 Material Licensing Tracking System (MLTS)
 Master Mines Index (MINES)
 Facility Index System (FINDS)
 RCRA Administrative Action Tracking (RAATS)

Site Search Only
 Site Search Only
 Site Search Only
 Site Search Only
 ¼-Mile Search Radius
 Site Search Only
 Site Search Only

State and Local Records

State Hazardous Waste Sites
 State Landfill/Solid Waste Sites
 Leaking USTs
 Registered USTs
 Registered ASTs (AST)
 Oil and Hazardous Materials Incidents (SPILLS)
 Engineering Controls
 Institutional Controls
 Voluntary Cleanup Program (VCP)
 PRIORITY Dry Cleaners
 Ethylene Dibromide Database (DEDB)
 BROWNFIELDS

Search Radius Used

1-Mile Search Radius
 ½ -Mile Search Radius
 ½ -Mile Search Radius
 ¼-Mile Search Radius
 ¼-Mile Search Radius
 Site Search Only
 ½ -Mile Search Radius
 ½ -Mile Search Radius
 ½ -Mile Search Radius
 ½ -Mile Search Radius
 ½ -Mile Search Radius
 ½ -Mile Search Radius

Tribal Records

Indian Reservations (Indian Reserve)
 Indian Leaking UST (INDIAN LUST)
 INDIAN UST

Search Radius Used

1-Mile Search Radius
 ½-Mile Search Radius
 ¼-Mile Search Radius

EDR Proprietary Records

Manufactured Gas Plants

Search Radius Used

1-Mile Search Radius

The report listed sites of potential concern based on the above search criteria. However, only the sites which appeared to have the potential for environmental impacts to the subject site due to proximity, anticipated direction of groundwater flow, and/or potential for migrating contamination are discussed below.

• Bradenton City Lift Station No. 1

Location: 219 13th Avenue East (300 feet west of the subject site)
 Concern: Leaking Underground Storage Tank (UST) Site
 FDEP Facility ID No. 9046841

According to FDEP files, this facility had a reported discharge in June 1999 in response to contamination discovered during tank removal. Subsequent assessments performed in 2000 and 2001 revealed no associated impacts above their respective cleanup target levels. As such, the facility was granted a "no further action" status in April 2001. Based on the above, former petroleum storage associated with this facility is **not** being identified as an REC as it relates to the subject site.

- **Manatee Middle School**

Location: 202 13th Avenue East (actual location of area of concern located approximately 600 feet southwest of the subject site)

Concerns: Underground Storage Tank (UST) Site
FDEP Facility ID No. 8841900

According to FDEP files, this facility had two heating oil tanks removed prior to 1987 (when registered as historical storage tanks). Based on the distance from the subject site and the assessment of a property suspected of being downgradient of this site (the lift station discussed on the previous page), these former storage tanks are **not** being identified as an REC as it relates to the subject site.

Other listed facilities in the agency search are not being discussed in this report, as they represent a *de minimis* environmental concern due to distance, anticipated direction of groundwater flow and/or anticipated risk of contamination.

5.2 Additional Environmental Record Sources

5.2.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps have been produced since the late 1800's to provide information relative to fire hazards on insurable property. These maps often indicate locations of underground and aboveground gasoline tanks, storage facilities for flammable chemicals, such as dry cleaners, paint shops, maintenance and garage facilities, as well as historical information on occupants of buildings, unavailable through other sources. Production of these maps typically was limited to the immediate vicinity of downtown urban areas. EDR purchased the Sanborn Company and has access to all available Sanborn maps. EDR performed a search of its archive and indicated that while no Sanborn maps were produced depicting the subject site, the general vicinity to the north is included on maps provided in 1922, 1926, 1929, 1948 and 1966. Review results are discussed in Section 5.5 of this report, and a copy of the certified search result is included as **Appendix C**.

5.2.3 Historical City Directory Review

R.L. Polk directories and/or Hill-Donnelly Cross Reference directories are referenced for study areas which help identify changes in land use based on the type of businesses that occupied the subject site and surrounding area. The type of business, such as automotive, dry cleaning, gasoline/service stations, etc. are indicative of the possible presence of hazardous substances or petroleum products. Results are discussed in Sections 5.4 and 5.5 of this report.

5.2.4 Historic Preservation/Critical Habitat/Wetland Inventory Research

While not typically a part of agency records review during performance of a Phase I ESA; Cardno TBE personnel performed a cursory review of the following readily-available sources to obtain information regarding historic properties and endangered species habitats in an attempt to ensure that on-site assessment activity would not adversely impact a historical property or structure; or jeopardize the continued existence

of any listed species or modify designated critical habitats in accordance with the General Federal Requirements typically identified in Brownfield Assessment Grant Terms and Conditions.

- National Registration of Historic Places database maintained by the National Park Service to determine if the subject or any adjacent properties contained a registered structure. A listing is strictly a governmental acknowledgment of a historic district, site, building or property. However, the Register is mostly "an honorary status with some federal financial incentives."
- US Fish and Wildlife Service Critical Habitat Portal database
- US Fish and Wildlife Service National Wetlands Inventory database

A review of the automated search of the most current readily-available information indicated that neither the subject nor any contiguously adjacent sites were listed in the most recent National Register of Historic Places for Bradenton, Florida. In addition, no critical habitat or wetlands designations were displayed within the immediate vicinity of the subject property. The Critical Habitat and National Wetlands Inventory Maps depicting the vicinity of the subject site are included as **Appendix D**.

Please note that these were cursory reviews of readily-available data, and not intended to represent or take the place of a wetlands delineation or habitat survey.

5.3 Physical Setting Source(s)

Hydrogeological resources were examined to identify the probable direction of surface water and shallow groundwater flow at the site. The USGS Bradenton, Florida 7.5-minute series topographic map produced in 1994 was reviewed. The map shows the site being located at an elevation of approximately 15 feet above mean sea level. Based on map topography contours, shallow groundwater flow within the general vicinity of the subject site is anticipated to be generally toward the east-northeast. This is consistent with groundwater flow data collected as part of assessment activities performed at the nearby Tropicana facility.

The vicinity of the subject site shaded to indicate urban development where only landmark structures are depicted. No structures are depicted within the boundaries of the subject property. The roadway system associated with the general vicinity is depicted in black tint, indicating development prior to 1956. The USGS Topographic Map is included as **Figure 1**.

According to the US Department of Agriculture Natural Resources Conservation Service inquiry, the site is geologically situated in an area comprised primarily of Bradenton fine sand with limestone substratum. These soils are poorly drained, moderately permeable soil that formed in loamy marine sediment. Under normal conditions the water table is typically found less than 10 inches below the surface. Slopes are smooth to concave and range from 0 to 2 percent. A copy of the soil survey inquiry results obtained via the web-based USDA National Resources Conservation Survey is included as **Appendix E**.

5.4 Historical Use Information on the Property

The objective of consulting historical sources is to determine the likelihood of past uses having led to recognized environmental conditions in connection with the property.

| Historical Directory Information: | |
|---|--|
| Addresses | Year & Listing |
| 512 12 th Ave Dr | 1931 - 2013: 512 is not listed, but all properties listed are residential. |
| 409, 413 and 417 13 th Ave E | 1931 - 1954: No listings appear to include these subject site addresses. 1973, 1978: 409, 413 and 417 13 th Ave are listed as residential. 1983: 409 and 417 13 th Ave listed as residential 1987: Only 409 listed (as residential) 1992, 2003, 2008, 2013: None of the subject site addresses are listed. |
| Sanborn Fire Insurance Map Information: | |
| Years | Observations |
| 1922, 1926, 1929, 1948 | No map exposure for the subject site (only the general vicinity to the north and east depicted). |
| 1966 | Mapping of properties in the general vicinity appears have been expanded to include the Bradenton Elementary School to the southwest, but does not include the subject site parcels. |
| Aerial Photograph Review Results: | |
| 1951 | The subject site appears to be undeveloped/vacant land. |
| 1957 | An apparent residential structure is visible within the east half of the subject site. The remainder of the site appears to remain undeveloped land. |
| 1969, 1977 | Four to five residential structures (one may be a garage) are visible within the boundaries of the subject site. |
| 1991 | Only of the residential structures seen on previous aerial photos is still visible. |
| 2003 | One structure is visible within the boundaries of the subject site. |
| 2008 | The site appears to be vacant/undeveloped land; similar to features observed during the recent site visit. |

5.5 Historical Use Information on Adjoining/Nearby Properties

| Historical Information: (only RECs identified) | |
|--|---|
| Source | Year & Description |
| Historical Directories 1931 – 2013 | All addresses listed within 500 feet of the subject are residential and/or vacant, with the exception of the school structures southwest of the subject site. |
| Sanborn Maps 1922, 1926, 1929, 1948, 1966 | 1922, 1926, 1929, 1948, 1966: Nearby properties to the north and west are depicted as residential dwellings; with the exception of the school property and lift station depicted on the 1966 map. |
| Aerial Photographs 1951-1977 | No features observed on aerial photos refute the findings of the historical directories or Sanborn Maps. The adjacent office/family services structure is visible in the 1991 – 2013 aerial photos. |

6. Site Reconnaissance

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the property.

6.1 Methodology and Limiting Condition

The purpose of the reconnaissance is to observe property conditions and identify exposed features that could represent or indicate RECs. Adjoining properties were observed from the property boundaries and public rights-of-ways, when reasonable and accessible.

6.2 Site Visit Observations

Cardno TBE personnel visited the subject site to identify the current use(s) of the property, including any current uses likely to involve the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products, and to identify RECs (as defined in the ASTM standard E1527-05). Site photos are included as **Appendix F**.

The site reconnaissance revealed the following:

- The subject site consisted of vacant/undeveloped parcels at the time of the site visit.
- No evidence of the site's historical use was visible.
- Based on the observed topography, surface drainage is anticipated to flow primarily toward the east and/or nearby roadway subsurface drainage structures.
- No indications of wells (irrigation or drinking water) were observed on-site.
- No surface impacts related to PCB-containing electrical equipment were observed on-site.

7. Interview

The objective of interviews is to obtain information indicating RECs in connection with the property.

7.1 Interview with Site Owner Representative

Cardno TBE personnel conducted a telephone interview with Mr. Paul Ahnberg, PE, the Senior Manager of Health, Safety and Environment for Tropicana Manufacturing Company, Inc. (the current site owner). Mr. Ahnberg reported that he was not aware of any RECs associated with any of the subject site parcels. In addition, none of the parcels have been the recipient of any environmental liens or activity use limitations.

In summary: no additional REC's were identified as a result of the interview.

8. Findings & Conclusion

This report has been prepared in general accordance with *40 CFR Part 312 Standards and Practices for All Appropriate Inquiries* and *ASTM E 1527-05 Standard Practice for Environmental Site Assessments*.

8.1 Findings & Opinions

Phase I ESA investigations seek to identify known or suspect RECs, historical RECs, and *de minimis* conditions. *De minimis* conditions are those that are judged to not present a material risk of harm to health or the environment, and as such are not listed below. RECs include:

Finding/Opinion: This assessment has identified no direct evidence suggesting recognized environmental conditions (RECs) at the subject property as defined by ASTM Standard Practice E1527-05.

8.2 Conclusion & Recommendation

Based on the findings of this investigation, no additional assessment appears warranted at this time. However, given the extensive history of the east parcel of the subject site being utilized as a residential property, any type of illicit dumping, mis-handling or previous storage of hazardous materials and/or petroleum products (such as a heating oil tank) would not have been recorded. As such, any deleterious materials and/or tanks encountered as part of future excavation of this property will need to be addressed at that time.

9. References

Historical Aerials: FDOT, University of Florida Historical Aerials Collection

United States Geological Survey; Quadrangles

Manatee County Property Appraiser, Online Inquiry System

Regulatory Database and Sanborn Fire Insurance Map Search, Environmental Data Resources, Inc.

EPA on-line database searches

Historical City Directories, R.L. Polk Company, Hill-Donnelly Corporation

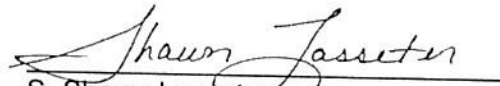
USGS Natural Resources Conservation Services, National Cooperative Soil Survey

US Fish and Wildlife Service Critical Habitat Portal database

10. Qualifications/Signatures of Environmental Professional(s)

I certify that this report has been prepared in general accordance with *40 CFR Part 312* and *ASTM E 1527-05 Standard Practice for Environmental Site Assessments*. Furthermore, I have the specific qualifications based on training, experience and registration to assist in the assessment of a property of the nature, history and setting of the subject property.

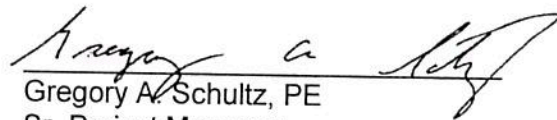
for Cardno TBE


S. Shawn Lasseter
Project Manager

Date: 07/23/2013

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312.10. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I further certify that, in my professional judgment, this report meets the requirements of *40 CFR Part 312, Standards and Practices for All Appropriate Inquiries*, and was prepared by me or under my direct responsible charge.

for Cardno TBE


Gregory A. Schultz, PE
Sr. Project Manager

Date: 07/23/2013

(resume summaries follow)

Gregory A. Schultz, PE

Sr. Project Manager

BS / Environmental Engineering / 1993

- Registered Professional Engineer; FL, GA, MS, NC, SC, AL and TN
- 16 Years Professional Experience
- 40-Hour OSHA Certified
- Member - Florida Brownfields Association
- Member – Tampa Bay Area Association of Environmental Professionals

Mr. Schultz is responsible for coordination of project activities and communication with clients on environmental, contamination assessment and remediation projects. His combination of experience and project management skills are used to present cost-effective, timely work products to both public and private sector clients.

His project experience includes site assessment, environmental construction and remediation, industrial, petroleum, sanitary, and hazardous waste investigation and treatment, operational and transactional audits, training programs, permitting, and multimedia field sampling.

Shawn Lasseter

Environmental Specialist

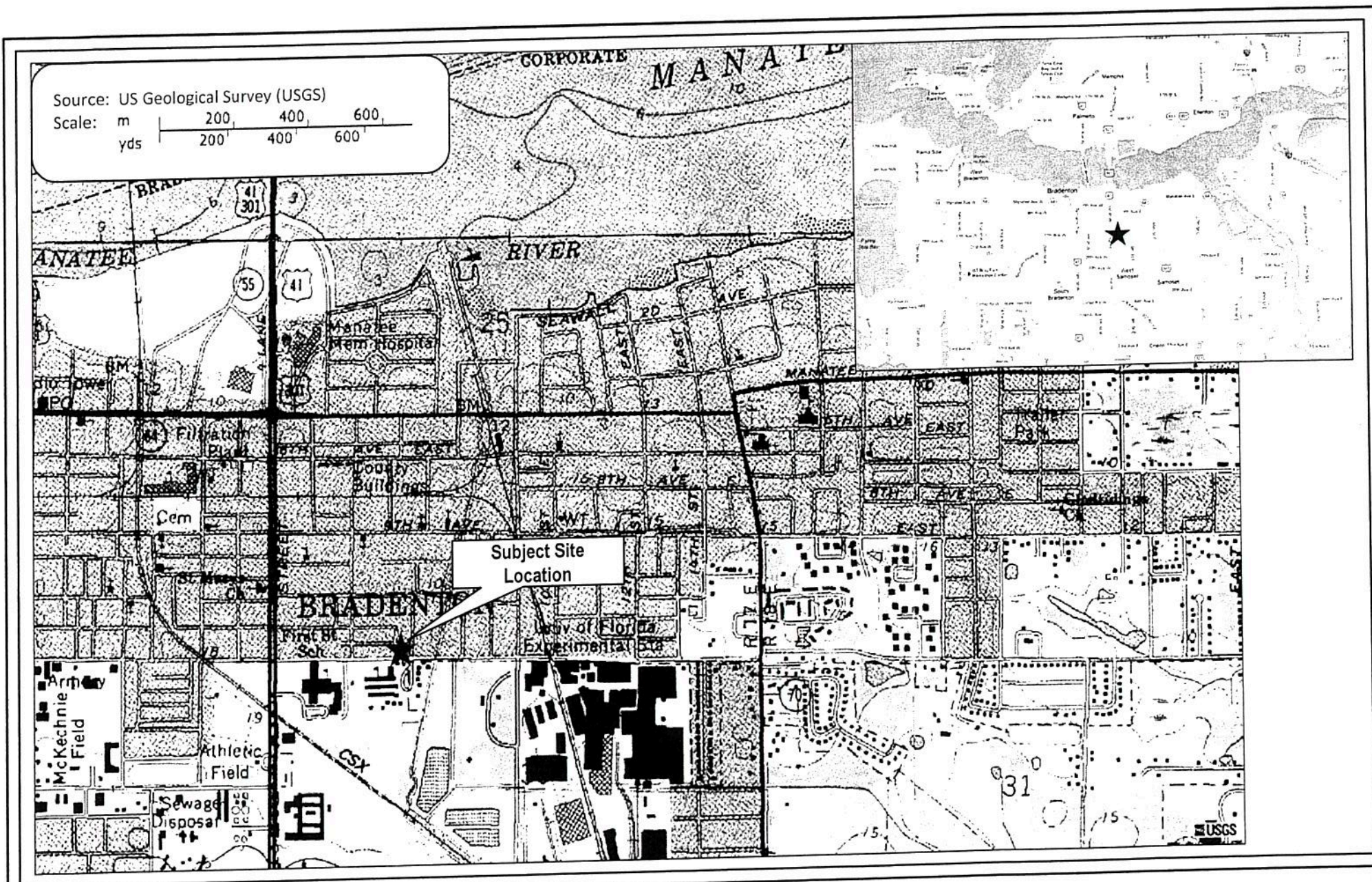
AA, Science & Technology, Gulf Coast College, 1982
BBA, Business, University of SW Georgia, 1989

- Certified Environmental Inspector
- Extensive Phase I/II ESA Experience
- 40-Hour OSHA Certified
- Member - Florida Environmental Assessors Association
- Member – National Environmental Assessment Association
- Member – Florida Brownfields Association
- Member – Tampa Bay Area Association of Environmental Professionals

Ms. Lasseter has extensive experience in assessment and management of environmental projects. Her project experience includes Phase I/II environmental assessments and contamination assessments. Highlights of project experience include:

- Project Manager for over 400 Phase I/II Environmental Site Assessments
- Project manager/technician responsible for conducting EPA Brownfield Phase I site assessments utilizing EPA Brownfield Grant Funding
- Project Manager for Florida Department of Environmental Protection Pre-approval Cleanup Program site assessments

Figures

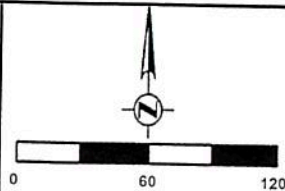


13th Avenue East @ 6th Street East
 409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
 Bradenton, Manatee County, Florida
 Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 1
USGS/Site Vicinity Map

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)



13th Avenue East @ 6th Street East

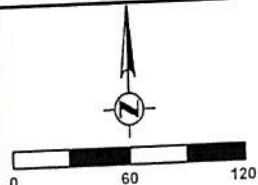
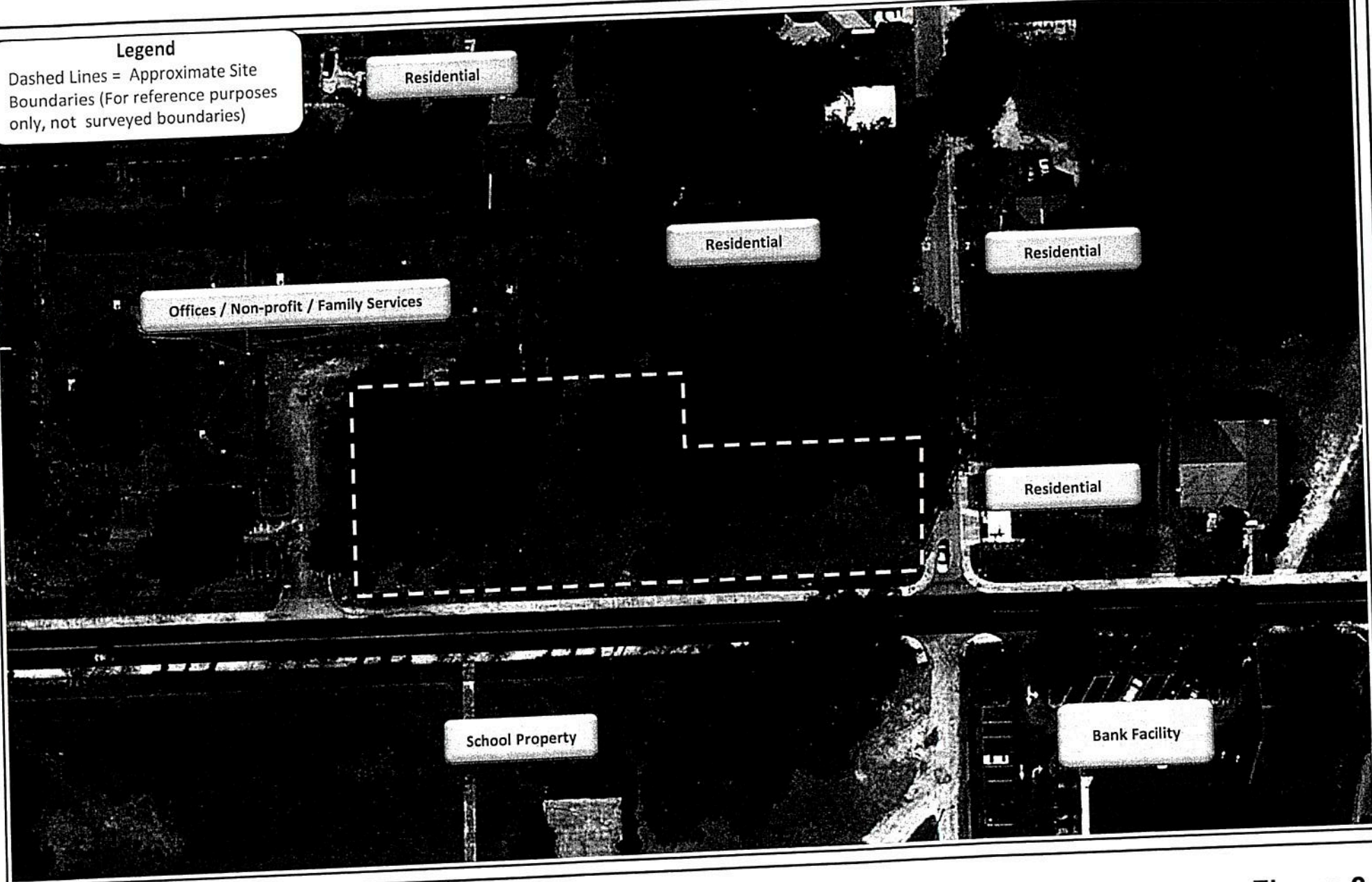
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida

Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 2
Site Boundary Map

Legend

Dashed Lines = Approximate Site Boundaries (For reference purposes only, not surveyed boundaries)



13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 3
Surrounding Land Use Map

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)



13th Avenue East @ 6th Street East

409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E

Bradenton, Manatee County, Florida

Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4a
Aerial Photograph - 1951

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)

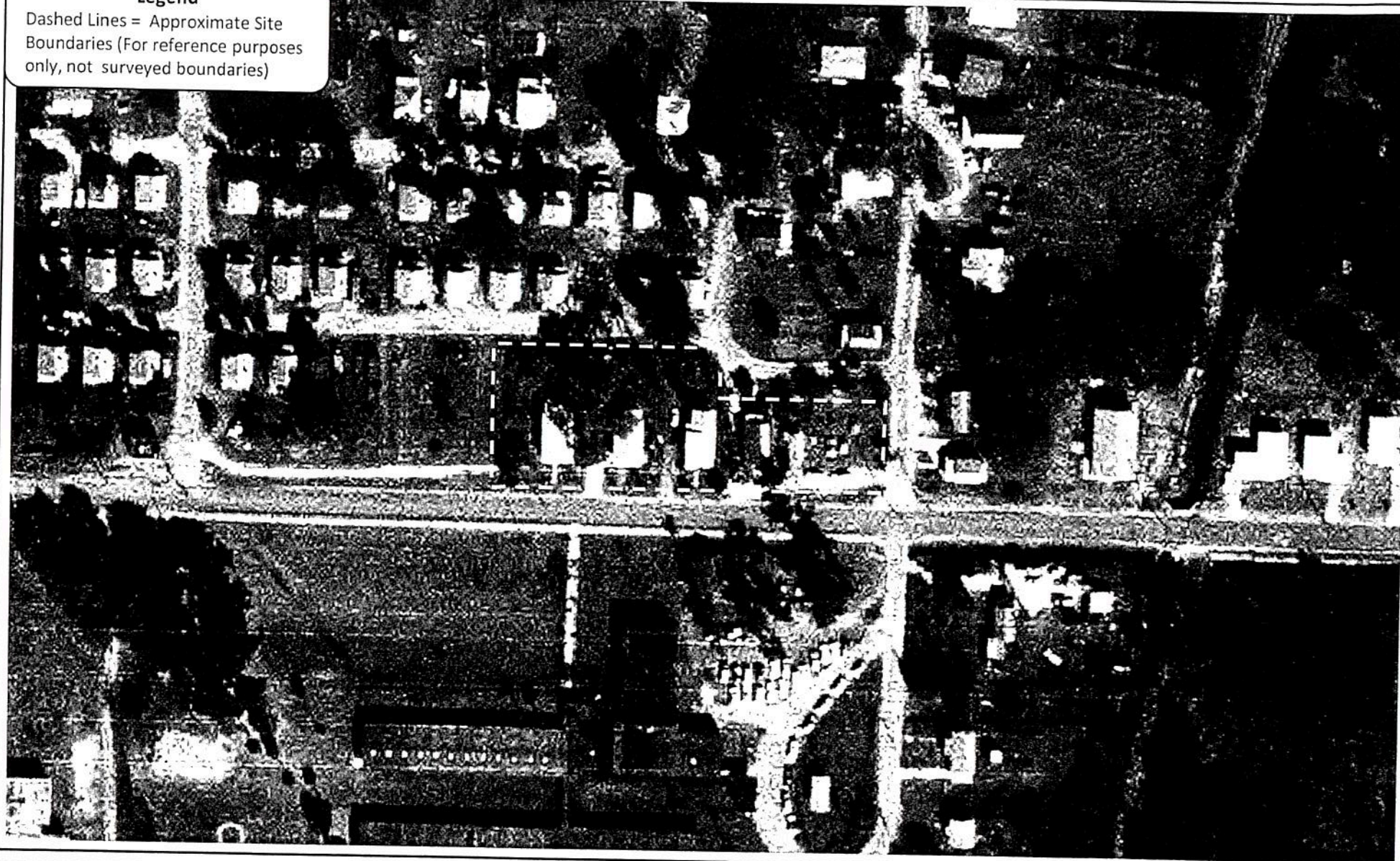


13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4b
Aerial Photograph - 1957

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)



13th Avenue East @ 6th Street East

409, 413, 417 13th Avenue E and 512 2th Ave Dr. E
Bradenton, Manatee County, Florida

Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4c
Aerial Photograph - 1969

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)

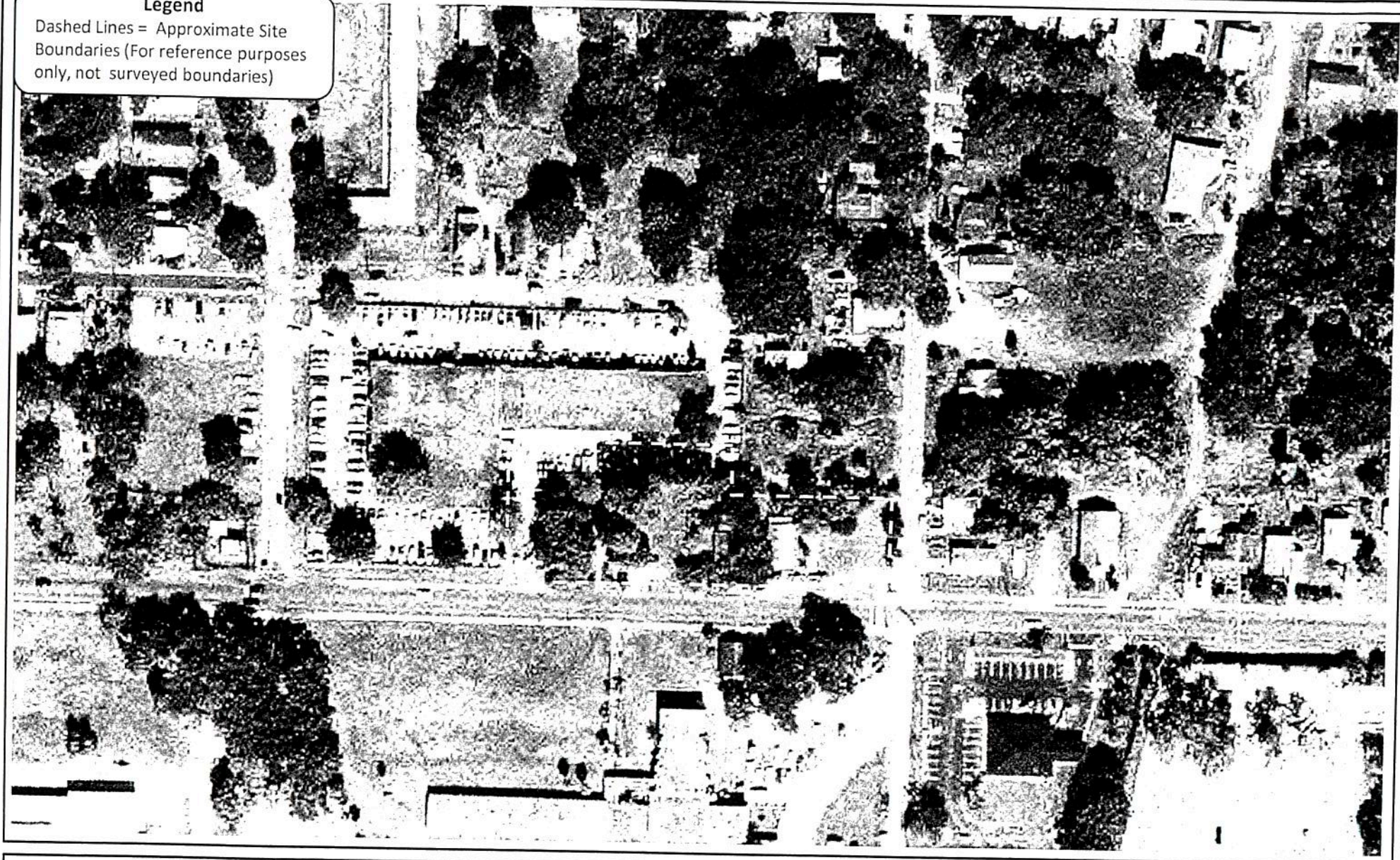


13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4d
Aerial Photograph - 1977

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)



13th Avenue East @ 6th Street East

409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida

Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4e
Aerial Photograph - 1991

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)

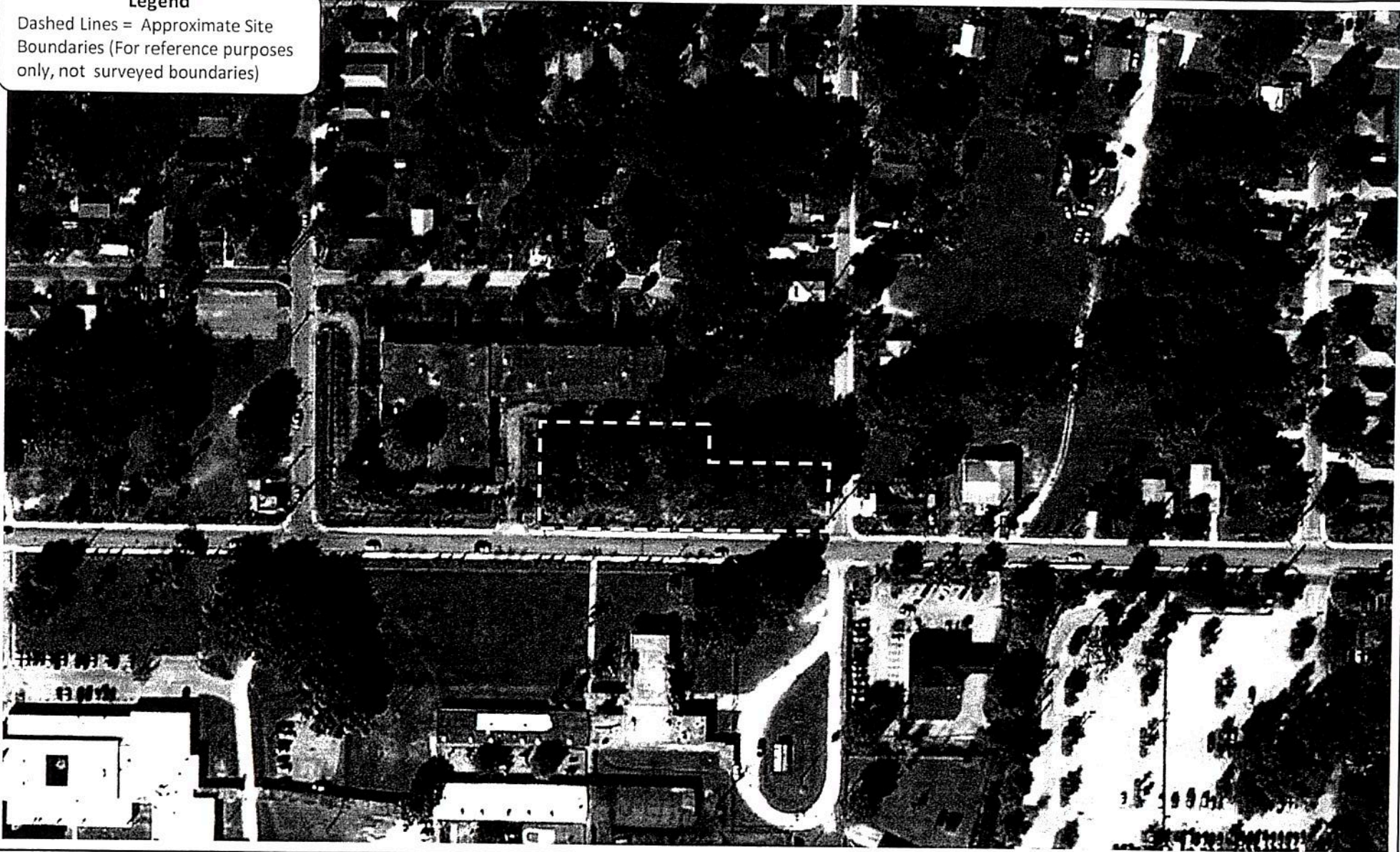


13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4f
Aerial Photograph - 2003

Legend

Dashed Lines = Approximate Site
Boundaries (For reference purposes
only, not surveyed boundaries)



13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida
Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

Figure 4g
Aerial Photograph - 2008

Appendix A

Approved Scope of Services & Property Information

Phase I Environmental Site Assessments (ESAs)

All Phase I ESAs will be prepared in accordance with the EPA standard for All Appropriate Inquiries established in the Small Business Liability Relief and Brownfields Revitalization Act (the Brownfields Amendments to the Comprehensive Environmental Response, Compensation and Liability Act) and ASTM E1527-05 Standard Practice for Environmental Site Assessments. To assess the potential for recognized environmental concerns on each property, Cardno TBE will perform the following tasks:

Cardno TBE

380 Park Place Blvd
Suite 300
Clearwater, FL 33759
USA
Phone 727 531 3505
Phone 800 861 8314
Fax 727 539 1294
Email tbe@CardnoTBE.com

www.CardnoTBE.com

- Inspect each property and surrounding areas to identify indicators of past or present hazardous materials/hazardous waste usage, storage or disposal;
- Investigate current and past ownership (to the extent reasonably practical), regarding previous uses of the property and historical information pertinent to the subject property and surrounding areas;
- Investigate historical listings and aerial photographs to identify any past or present properties in the vicinity of the subject property for hazardous materials/hazardous waste usage or storage;
- Review Soil Conservation Service surveys and available topographical maps of the property and its vicinity, and other pertinent data, to provide a preliminary hydrogeological characterization of the site;
- Review current State and Federal listings of potential and confirmed contaminated sites to determine if environmental monitoring or enforcement activities are or have occurred on or near the subject property;
- Review regulatory files for the subject property to identify previous assessment, remedial, or enforcement activities for this site;
- Review data developed from field, agency and records reconnaissance for technical accuracy and corroboration.;
- Assemble report containing conclusions and recommendations for the property; and
- Report to the client any situations encountered during the execution of this contract that fall beyond the scope of work.
- Recommendations for additional assessment activities will be provided under separate cover at the conclusion of the Phase I Environmental Site Assessment (if required).

**MANATEE COUNTY
PROPERTY APPRAISER**

Other Counties | Manatee County | State

Main **Property Search**

Owner Address **Parcel ID** Advanced Map

- Profile
- Values
- Sales
- Residential
- Commercial
- Out Buildings
- Permits
- Land
- Agriculture
- Sketch
- Exemptions
- Full Legal
- Estimating Taxes
- 2012 TRIM Notice
- 2012 Tax Bill
- GIS Map
- Classic Map

PARID: 4591300001
**TROPICANA MANUFACTURING COMPANY
INC**

516 12TH AVE DR E

CURRENT RECORD

◀ 8 of 8 ▶

[Return to Search Results](#)

ID Block

| | |
|------------------------------------|--|
| Account# | 4591300001 |
| T/R/S | 34S / 17E / 36 |
| Primary Address Location | 516 E 12TH AVE DR BRADENTON 34208 BR |
| 2010 Census Tract | 000703 |
| FEMA Zone Caveat | NOT A FEMA DETERMINATION |
| FEMA Flood Zone | X/0/N/0331 B/100 |
| Hurricane Evacuation Zone | E |
| Fire District | BR2-BRADENTON DIST 2 |
| Exemption Status | No Exemption |
| DOR Use Code | 0000 |
| DOR Description | Vacant Residential (1554) |
| Neighborhood Name | W1/2 25 S MANATEE AV & N1/2 NW 36/34/17 |
| Neighborhood Number | 4050 |
| CRA District | C-CENTRAL CRA |
| CDD District | |
| Neighborhood Group | 286 |
| Market Area | 02 |
| Zone/Field Reference | 4 |
| Route Number | 233 |
| Map ID | 4B36.2 |
| Acres (If Available) | .2645 |
| Size Disclaimer | Sq foot estimates derived from rounded exterior wall measurements |
| Number of Units | 1 |
| Living/Business area | 0 |
| Total Under Roof | 0 |
| Unit Desc | |
| Short Legal Desc | LOT 11 LESS N 20 FT, LOT 12 BLK N LINCOLN HEIGHTS PI#45913.0000/1 |
| Unit # | |
| Lot ID | 11 |
| Block ID | N |
| Subdivision Number | 4584600 |
| Subdivision Name | LINCOLN HEIGHTS CTD PB1/297 |
| City/County Tax District | 0021 |
| Tax District Name | 0021 - BRADENTON |
| TPP Current Year Date Filed | |
| TPP Current Year Extension Request | |

REPORTS

[CSV Report](#)
[Parcel Information Report](#)



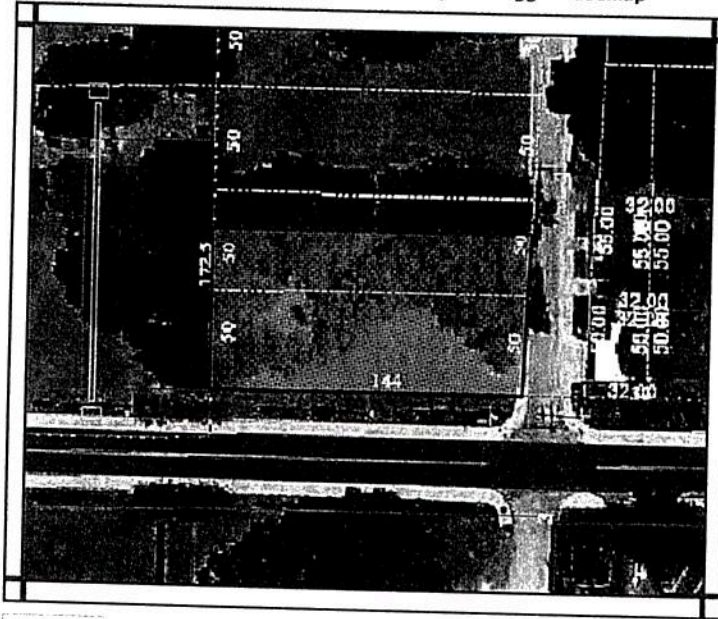
[Printable Summary](#)

[Printable Version](#)

Owners

| | |
|---------------------------|-------------------------------------|
| Name | TROPICANA MANUFACTURING COMPANY INC |
| Owner Type | |
| Address | PO BOX 660634 |
| City | DALLAS |
| State | TX |
| Zip Code | 75266 0634 |
| International Postal Code | |
| Country | |

| Zoom In | Zoom Out | Full Extent | Pan |
|-------------|-------------|-------------|----------------|
| Prev Extent | Next Extent | Identify | Toggle Basemap |



Parcels

Total features returned: 1

| Parcel Id | Address | Owner | Acres |
|---|-------------------------|--|-------|
| 4591300001 (highlight) (County GIS) | 516 12TH AVE DR E BR | TROPICANA MANUFACTURING COMPANY INC | .2645 |

MANATEE COUNTY PROPERTY APPRAISER

[Other Counties](#) | [Manatee County](#) | [State](#)
[Main](#) | [Property Search](#)
[Owner](#) | [Address](#) | [Parcel ID](#) | [Advanced](#) | [Map](#)

- [Profile](#)
- [Values](#)
- [Sales](#)
- [Residential](#)
- [Commercial](#)
- [Out Buildings](#)
- [Permits](#)
- [Land](#)
- [Agriculture](#)
- [Sketch](#)
- [Exemptions](#)
- [Full Legal](#)
- [Estimating Taxes](#)
- [2012 TRIM Notice](#)
- [2012 Tax Bill](#)
- [GIS Map](#)
- [Classic Map](#)

PARID: 4618600003
TROPICANA MANUFACTURING COMPANY
INC

417 13TH AVE E

CURRENT RECORD

1 of 1

[Return to Search Results](#)

ID Block

| | |
|------------------------------------|---|
| Account# | 4618600003 |
| T/R/S | 34S / 17E / 36 |
| Primary Address Location | 417 E 13TH AVE BRADENTON 34208 BR |
| 2010 Census Tract | 000703 |
| FEMA Zone Caveat | NOT A FEMA DETERMINATION |
| FEMA Flood Zone | X/0/N/0331 B/100 |
| Hurricane Evacuation Zone | E |
| Fire District | BR2-BRADENTON DIST 2 |
| Exemption Status | No Exemption |
| DOR Use Code | 0000 |
| DOR Description | Vacant Residential (1554) |
| Neighborhood Name | W1/2 25 S MANATEE AV & N1/2 NW 36/34/17 |
| Neighborhood Number | 4050 |
| CRA District | C-CENTRAL CRA |
| CDD District | |
| Neighborhood Group | 286 |
| Market Area | 02 |
| Zone/Field Reference | 4 |
| Route Number | 234 |
| Map ID | 4B36.2 |
| Acres (If Available) | .1894 |
| Size Disclaimer | Sq foot estimates derived from rounded exterior wall measurements |
| Number of Units | 1 |
| Living/Business area | 0 |
| Total Under Roof | 0 |
| Unit Desc | |
| Short Legal Desc | E 200 FT OF S 125 FT OF LOT 12 LESS W 134 FT THEREOF SUB OF E1/2 OF NW1/4 OF NW1/4 MRS JULIA CURRY PLAT PI#46186.0000/3 |
| Unit # | |
| Lot ID | 12 |
| Block ID | |
| Subdivision Number | 4614300 |
| Subdivision Name | JULIA CURRY PLAT MRS CTD PB1/127 |
| City/County Tax District | 0021 |
| Tax District Name | 0021 - BRADENTON |
| TPP Current Year Date Filed | |
| TPP Current Year Extension Request | |

Owners

| | |
|---------------------------|-------------------------------------|
| Name | TROPICANA MANUFACTURING COMPANY INC |
| Owner Type | |
| Address | PO BOX 660634 ATTN: 3A-306-LD |
| City | DALLAS |
| State | TX |
| Zip Code | 75266 0634 |
| International Postal Code | |
| Country | |

REPORTS

[CSV Report](#)
[Parcel Information Report](#)



[Printable Summary](#)

[Printable Version](#)

13

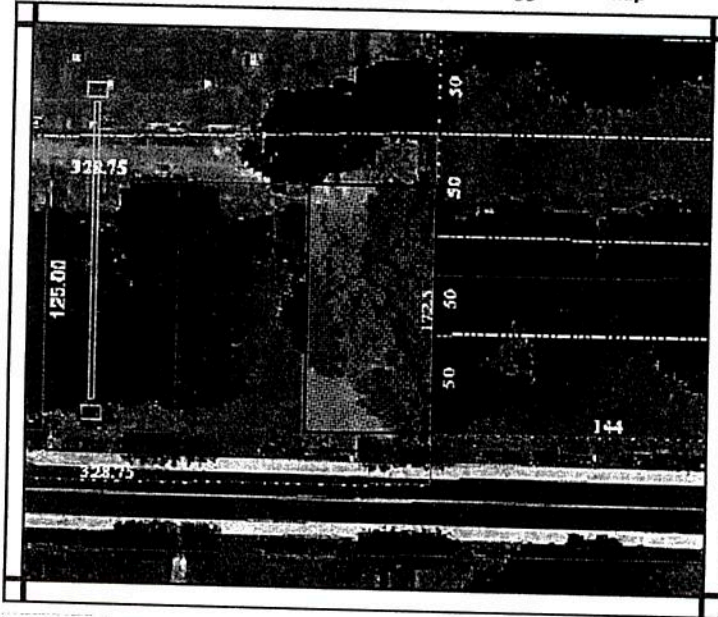
MANATEE COUNTY
PROPERTY APPRAISER

| CONTACT US | HELP

Other Counties | Manatee County | State

Main Property Search

Zoom In Zoom Out Full Extent Pan
Prev Extent Next Extent Identify Toggle Basemap



Parcels

Total features returned: 1

| Parcel Id | Address | Owner | Acres |
|---|----------------------|--|-------|
| 4618600003 (highlight) (County GIS) | 417 13TH AVE E BR | TROPICANA MANUFACTURING COMPANY INC | .1894 |

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**MANATEE COUNTY
PROPERTY APPRAISER**

Other Counties | Manatee County | State

Main **Property Search**

Owner Address Parcel ID Advanced Map

- Profile
- Values
- Sales
- Residential
- Commercial
- Out Buildings
- Permits
- Land
- Agriculture
- Sketch
- Exemptions
- Full Legal
- Estimating Taxes
- 2012 TRIM Notice
- 2012 Tax Bill
- GIS Map
- Classic Map

PARID: 4618700001
**TROPICANA MANUFACTURING COMPANY
INC**

413 13TH AVE E

CURRENT RECORD

1 of 1

[Return to Search Results](#)

ID Block

| | |
|---------------------------|--|
| Account# | 4618700001 |
| T/R/S | 34S / 17E / 36 |
| Primary Address Location | 413 E 13TH AVE BRADENTON 34208 BR |
| 2010 Census Tract | 000703 |
| FEMA Zone Caveat | NOT A FEMA DETERMINATION |
| FEMA Flood Zone | X/0/N/0331 B/100 |
| Hurricane Evacuation Zone | E |
| Fire District | BR2-BRADENTON DIST 2 |
| Exemption Status | No Exemption |
| DOR Use Code | 0000 |
| DOR Description | Vacant Residential (1554) |
| Neighborhood Name | W1/2 25 S MANATEE AV & N1/2 NW 36/34/17 |
| Neighborhood Number | 4050 |
| CRA District | C-CENTRAL CRA |
| CDD District | |
| Neighborhood Group | 286 |
| Market Area | 02 |
| Zone/Field Reference | 4 |
| Route Number | 235 |
| Map ID | 4B36.2 |
| Acres (If Available) | .1923 |
| Size Disclaimer | Sq foot estimates derived from rounded exterior wall measurements |
| Number of Units | 1 |
| Living/Business area | 0 |
| Total Under Roof | 0 |
| Unit Desc | |
| Short Legal Desc | E 200 FT OF S 125 FT OF LOT 12, LESS E 66 FT & LESS W 67 FT THEREOF MRS JULIA CURRY PLAT P1#46187.0000/1 |
| Unit # | |
| Lot ID | 12 |
| Block ID | |
| Subdivision Number | 4614300 |
| Subdivision Name | JULIA CURRY PLAT MRS CTD PB1/127 |
| City/County Tax District | 0021 |
| Tax District Name | 0021 - BRADENTON |

TPP Current Year Date Filed
TPP Current Year Extension Request

Owners

| | |
|---------------------------|-------------------------------------|
| Name | TROPICANA MANUFACTURING COMPANY INC |
| Owner Type | |
| Address | PO BOX 660634 |
| City | DALLAS |
| State | TX |
| Zip Code | 75266 0634 |
| International Postal Code | |
| Country | |

REPORTS

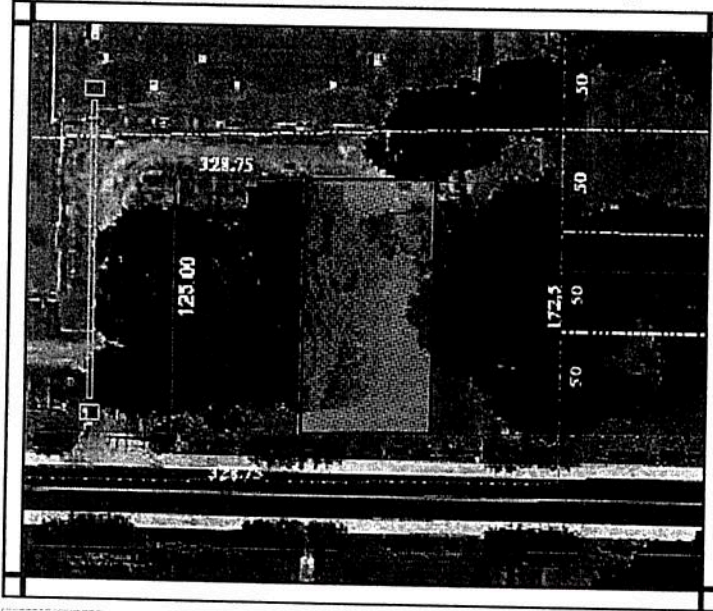
CSV Report
Parcel Information Report



Printable Summary

Printable Version

Zoom In Zoom Out Full Extent Pan
Prev Extent Next Extent Identify Toggle Basemap



Parcels

Total features returned: 1

| Parcel Id | Address | Owner | Acres |
|---|----------------------|--|-------|
| 4618700001 (highlight) (County GIS) | 413 13TH AVE E BR | TROPICANA MANUFACTURING COMPANY INC | .1923 |

**MANATEE COUNTY
PROPERTY APPRAISER**

Other Counties | Manatee County | State

Main Property Search

Owner Address Parcel ID Advanced Map

- Profile
- Values
- Sales
- Residential
- Commercial
- Out Buildings
- Permits
- Land
- Agriculture
- Sketch
- Exemptions
- Full Legal
- Estimating Taxes
- 2012 TRIM Notice
- 2012 Tax Bill
- GIS Map
- Classic Map

PARID: 4618800009

**TROPICANA MANUFACTURING COMPANY
INC**

409 13TH AVE E

CURRENT RECORD

1 of 1

[Return to Search Results](#)

ID Block

| | |
|------------------------------------|---|
| Account# | 4618800009 |
| T/R/S | 34S / 17E / 36 |
| Primary Address Location | 409 E 13TH AVE BRADENTON 34208 BR |
| 2010 Census Tract | 000703 |
| FEMA Zone Caveat | NOT A FEMA DETERMINATION |
| FEMA Flood Zone | X/0/N/0331 B/100 |
| Hurricane Evacuation Zone | E |
| Fire District | BR2-BRADENTON DIST 2 |
| Exemption Status | No Exemption |
| DOR Use Code | 0000 |
| DOR Description | Vacant Residential (1554) |
| Neighborhood Name | W1/2 25 S MANATEE AV & N1/2 NW 36/34/17 |
| Neighborhood Number | 4050 |
| CRA District | C-CENTRAL CRA |
| CDD District | |
| Neighborhood Group | 286 |
| Market Area | 02 |
| Zone/Field Reference | 4 |
| Route Number | 236 |
| Map ID | 4B36.2 |
| Acres (If Available) | .1923 |
| Size Disclaimer | Sq foot estimates derived from rounded exterior wall measurements |
| Number of Units | 1 |
| Living/Business area | 0 |
| Total Under Roof | 0 |
| Unit Desc | |
| Short Legal Desc | THE E 200 FT OF S 125 FT OF LOT 12 OF MRS JULIA CURRY PLAT, LESS E 133 FT THEREOF PI#46188.0000/9 |
| Unit # | |
| Lot ID | 12 |
| Block ID | |
| Subdivision Number | 4614300 |
| Subdivision Name | JULIA CURRY PLAT MRS CTD PB1/127 |
| City/County Tax District | 0021 |
| Tax District Name | 0021 - BRADENTON |
| TPP Current Year Date Filed | |
| TPP Current Year Extension Request | |

REPORTS

CSV Report
Parcel Information Report



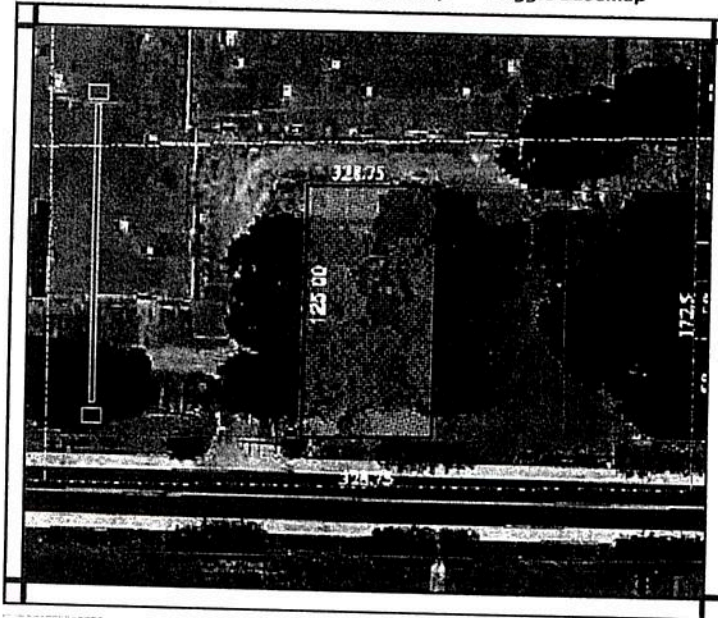
Printable Summary

Printable Version

Owners

| | |
|---------------------------|---|
| Name | TROPICANA MANUFACTURING COMPANY INC |
| Owner Type | |
| Address | PO BOX 660634 ATTN: TAX DEPARTMENT 3A-306-LD |
| City | DALLAS |
| State | TX |
| Zip Code | 75266 0634 |
| International Postal Code | |
| Country | |

Zoom In Zoom Out Full Extent Pan
Prev Extent Next Extent Identify Toggle Basemap



Parcels

Total features returned: 1

| Parcel Id | Address | Owner | Acres |
|---|----------------------|--|-------|
| 4618800009 (highlight) (County GIS) | 409 13TH AVE E BR | TROPICANA MANUFACTURING COMPANY INC | .1923 |

Appendix B

Agency Database Search Results

Sarasota Manatee MPO - TROP 13th Avenue East

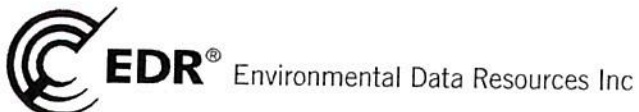
223 13th Avenue East

Bradenton, FL 34208

Inquiry Number: 3598540.2s

May 06, 2013

EDR Summary Radius Map Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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| Detail Map | 3 |
| Map Findings Summary | 4 |
| Map Findings | 7 |
| Orphan Summary | 289 |
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| <u>GEOCHECK ADDENDUM</u> | |
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

223 13TH AVENUE EAST
BRADENTON, FL 34208

COORDINATES

Latitude (North): 27.4884000 - 27° 29' 18.24"
Longitude (West): 82.5611000 - 82° 33' 39.96"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 345776.0
UTM Y (Meters): 3041332.5
Elevation: 15 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: USGS 7.5 min quad index

Target Property: N
Source: USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
223 13TH AVENUE EAST
BRADENTON, FL 34208

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft.) DIRECTION |
|--------|----------------------|----------------------|--|--------------------|----------------------|
| A1 | BRADENTON - GROCERY | 201 13TH AVENUE WEST | US BROWNFIELDS | Higher | 22, SSW |
| A2 | BRADENTON CITY - LIF | 219 13TH AVE E | LUST, UST, Financial Assurance | Higher | 22, South |
| A3 | MANATEE CNTY SCHOOL | 202 13TH AVE E | UST | Higher | 32, SSW |
| B4 | RACETRAC #100 | 111 12TH AVE E | UST, Financial Assurance | Higher | 422, WNW |
| B5 | MOBIL-BRADENTON #388 | 1220 1ST ST W | LUST, UST, Financial Assurance | Higher | 505, WNW |
| C6 | BRADENTON CITY - GAR | 701 13TH AVE WEST | LUST, UST, Financial Assurance | Lower | 592, East |
| C7 | BRADENTON CITY - YAR | 707 13TH AVE E | LUST, UST | Lower | 609, East |
| B8 | | 101 11TH AVE W | EDR US Hist Auto Stat | Higher | 655, NW |
| 9 | BRADENTON CITY-NEIGH | 914 6TH AVE E | UST | Lower | 861, NE |
| 10 | NATIONAL FOOD CENTER | 909 1ST ST | LUST, UST | Higher | 1059, NNW |
| D11 | TROPICANA MANUFACTUR | 1001 13TH AVE E | LUST, UST, AST, Financial Assurance | Lower | 1605, East |
| D12 | | 1001 13TH AVENUE EAS | SPILLS, ENG CONTROLS, INST CONTROL, AIRS, TIER 2 | Lower | 1605, East |
| 13 | FORMER CIRCLE K #734 | 727 HWY 301 E | LUST, UST | Lower | 1744, NNW |
| 14 | SINGELTARY CONCRETE | 408 13TH AVE W | LUST, UST, AST | Higher | 1748, West |
| 15 | MILLER INSULATION CO | 809 9TH ST E | LUST, UST | Lower | 1970, NE |
| E16 | MANATEE CNTY-HEALTH | 410 6TH AVE E | LUST, UST | Lower | 1974, NNE |
| E17 | CONSTRUCTION WHOLESA | 510 6TH AVE E | LUST, UST | Lower | 1990, NNE |
| 18 | CHEVRON-MCNITT FOODM | 520 1ST ST W | LUST, UST, Financial Assurance | Lower | 2109, NNW |
| 19 | BRADENTON CITY - LIF | 420 9TH AVE W | LUST, UST, Financial Assurance | Lower | 2146, WNW |
| F20 | BRADENTON GASIFICATI | INTERSECTION OF W. 6 | CERC-NFRAP | Lower | 2257, NW |
| F21 | BRADENTON GASIFICATI | INT W 6TH AVE AND WE | EDR MGP | Lower | 2307, NW |
| G22 | BRADENTON PROPANE | 525 17TH AVE W | LUST, UST, Financial Assurance | Higher | 2353, SW |
| 23 | BRADENTON - FORMER F | 912 7TH AVENUE EAST | US BROWNFIELDS | Lower | 2455, NE |
| 24 | EV DISCOUNT TIRE | 1205 W 7TH ST | LUST, UST | Higher | 2475, West |
| G25 | BRADENTON CITY-SOLID | 1520 6TH ST W | LUST, UST, AST, Financial Assurance | Higher | 2479, WSW |
| H26 | FL DEPT OF TRANSPORT | 701 E MANATEE AVE | LUST, UST | Lower | 2515, NNE |
| H27 | LMBR STORAGE | 704 MANATEE AVE E | LUST, UST | Lower | 2522, NNE |
| 28 | CITY FUEL OIL CO | 419 6TH AVE W | LUST, AST | Lower | 2547, NW |
| 29 | MANATEE CNTY SCHOOL | 215 MANATEE AVE W | LUST, UST, Financial Assurance | Lower | 2578, NNW |

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: A review of the CERC-NFRAP list, as provided by EDR, and dated 02/05/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------------|-----------------------------|---------------|-------------|
| BRADENTON GASIFICATI | INTERSECTION OF W. 6 | NW 1/4 - 1/2 (0.427 mi.) | F20 | 13 |

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 01/09/2013 has revealed that there are 20 LUST sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|------------------------------|---|-------------------|------------------|
| <i>BRADENTON CITY - LIF</i> Facility-Site Id: 9046841 Discharge Cleanup Status: NFA - NFA COMPLETE | <i>219 13TH AVE E</i> | <i>S 0 - 1/8 (0.004 mi.)</i> | <i>A2</i> | <i>7</i> |
| <i>MOBIL-BRADENTON #388</i> Facility-Site Id: 8623989 Discharge Cleanup Status: SA - SA ONGOING | <i>1220 1ST ST W</i> | <i>WNW 0 - 1/8 (0.096 mi.)</i> | <i>B5</i> | <i>8</i> |
| <i>NATIONAL FOOD CENTER</i> Facility-Site Id: 8942848 Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED | <i>909 1ST ST</i> | <i>NNW 1/8 - 1/4 (0.201 mi.)</i> | <i>10</i> | <i>9</i> |
| <i>SINGELTARY CONCRETE</i> Facility-Site Id: 8839687 Discharge Cleanup Status: NFA - NFA COMPLETE | <i>408 13TH AVE W</i> | <i>W 1/4 - 1/2 (0.331 mi.)</i> | <i>14</i> | <i>11</i> |
| <i>BRADENTON PROPANE</i> Facility-Site Id: 8732739 Discharge Cleanup Status: RA - RA ONGOING | <i>525 17TH AVE W</i> | <i>SW 1/4 - 1/2 (0.446 mi.)</i> | <i>G22</i> | <i>13</i> |

EXECUTIVE SUMMARY

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|---|--------------------------|----------------------------------|---------------|-------------|
| EV DISCOUNT TIRE Facility-Site Id: 9810066 Discharge Cleanup Status: SRCR - SRCR COMPLETE | 1205 W 7TH ST | W 1/4 - 1/2 (0.469 mi.) | 24 | 14 |
| BRADENTON CITY-SOLID Facility-Site Id: 9046831 Discharge Cleanup Status: NFA - NFA COMPLETE | 1520 6TH ST W | WSW 1/4 - 1/2 (0.470 mi.) | G25 | 14 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
| BRADENTON CITY - GAR Facility-Site Id: 9046829 Discharge Cleanup Status: NFA - NFA COMPLETE | 701 13TH AVE WEST | E 0 - 1/8 (0.112 mi.) | C6 | 8 |
| BRADENTON CITY - YAR Facility-Site Id: 9046832 Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED | 707 13TH AVE E | E 0 - 1/8 (0.115 mi.) | C7 | 9 |
| TROPICANA MANUFACTUR Facility-Site Id: 8624435 Discharge Cleanup Status: NFA - NFA COMPLETE Discharge Cleanup Status: SRCR - SRCR COMPLETE <i>*Additional key fields are available in the Map Findings section</i> | 1001 13TH AVE E | E 1/4 - 1/2 (0.304 mi.) | D11 | 10 |
| FORMER CIRCLE K #734 Facility-Site Id: 8510964 Discharge Cleanup Status: SA - SA ONGOING | 727 HWY 301 E | NNW 1/4 - 1/2 (0.330 mi.) | 13 | 11 |
| MILLER INSULATION CO Facility-Site Id: 9046011 Discharge Cleanup Status: SRCR - SRCR COMPLETE | 809 9TH ST E | NE 1/4 - 1/2 (0.373 mi.) | 15 | 11 |
| MANATEE CNTY-HEALTH Facility-Site Id: 8944471 Discharge Cleanup Status: RA - RA ONGOING | 410 6TH AVE E | NNE 1/4 - 1/2 (0.374 mi.) | E16 | 12 |
| CONSTRUCTION WHOLES Facility-Site Id: 8624161 Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA | 510 6TH AVE E | NNE 1/4 - 1/2 (0.377 mi.) | E17 | 12 |
| CHEVRON-MCNITT FOODM Facility-Site Id: 8510778 Discharge Cleanup Status: NFA - NFA COMPLETE | 520 1ST ST W | NNW 1/4 - 1/2 (0.399 mi.) | 18 | 12 |
| BRADENTON CITY - LIF Facility-Site Id: 9046839 Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA | 420 9TH AVE W | WNW 1/4 - 1/2 (0.406 mi.) | 19 | 13 |
| FL DEPT OF TRANSPORT Facility-Site Id: 9602389 Discharge Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED | 701 E MANATEE AVE | NNE 1/4 - 1/2 (0.476 mi.) | H26 | 15 |
| LMBR STORAGE Facility-Site Id: 9100003 Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA | 704 MANATEE AVE E | NNE 1/4 - 1/2 (0.478 mi.) | H27 | 15 |
| CITY FUEL OIL CO Facility-Site Id: 9100228 Discharge Cleanup Status: SRCR - SRCR COMPLETE | 419 6TH AVE W | NW 1/4 - 1/2 (0.482 mi.) | 28 | 15 |
| MANATEE CNTY SCHOOL Facility-Site Id: 8623985 Discharge Cleanup Status: RAP - RAP ONGOING | 215 MANATEE AVE W | NNW 1/4 - 1/2 (0.488 mi.) | 29 | 16 |

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 01/09/2013 has revealed that there are 8 UST sites within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|--------------------------|----------------------------------|---------------|-------------|
| BRADENTON CITY - LIF Facility-Site Id: 9046841 | 219 13TH AVE E | S 0 - 1/8 (0.004 mi.) | A2 | 7 |
| MANATEE CNTY SCHOOL Facility-Site Id: 8841900 | 202 13TH AVE E | SSW 0 - 1/8 (0.006 mi.) | A3 | 7 |
| RACETRAC #100 Facility-Site Id: 9804703 | 111 12TH AVE E | WNW 0 - 1/8 (0.080 mi.) | B4 | 7 |
| MOBIL-BRADENTON #388 Facility-Site Id: 8623989 | 1220 1ST ST W | WNW 0 - 1/8 (0.096 mi.) | B5 | 8 |
| NATIONAL FOOD CENTER Facility-Site Id: 8942848 | 909 1ST ST | NNW 1/8 - 1/4 (0.201 mi.) | 10 | 9 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
| BRADENTON CITY - GAR Facility-Site Id: 9046829 | 701 13TH AVE WEST | E 0 - 1/8 (0.112 mi.) | C6 | 8 |
| BRADENTON CITY - YAR Facility-Site Id: 9046832 | 707 13TH AVE E | E 0 - 1/8 (0.115 mi.) | C7 | 9 |
| BRADENTON CITY-NEIGH Facility-Site Id: 9401426 | 914 6TH AVE E | NE 1/8 - 1/4 (0.163 mi.) | 9 | 9 |

State and tribal institutional control / engineering control registries

ENG CONTROLS: A review of the ENG CONTROLS list, as provided by EDR, and dated 04/01/2013 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------------|--------------------------------|---------------|-------------|
| Not reported Facility-Site Id: 8624435 | 1001 13TH AVENUE EAS | E 1/4 - 1/2 (0.304 mi.) | D12 | 10 |

INST CONTROL: A review of the INST CONTROL list, as provided by EDR, and dated 04/01/2013 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|-----------------------------|--------------------------------|---------------|-------------|
| Not reported Facility-Site Id: 8624435 | 1001 13TH AVENUE EAS | E 1/4 - 1/2 (0.304 mi.) | D12 | 10 |

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/10/2012 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|----------------------|-----------------------------|---------------|-------------|
| BRADENTON - GROCERY | 201 13TH AVENUE WEST | SSW 0 - 1/8 (0.004 mi.) | A1 | 7 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
| BRADENTON - FORMER F | 912 7TH AVENUE EAST | NE 1/4 - 1/2 (0.465 mi.) | 23 | 14 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|------------------------|----------------------|-----------------------------|---------------|-------------|
| BRADENTON GASIFICATI | INT W 6TH AVE AND WE | NW 1/4 - 1/2 (0.437 mi.) | F21 | 13 |

EDR US Hist Auto Stat: A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| Not reported | 101 11TH AVE W | NW 0 - 1/8 (0.124 mi.) | B8 | 9 |

ORPHAN SUMMARY

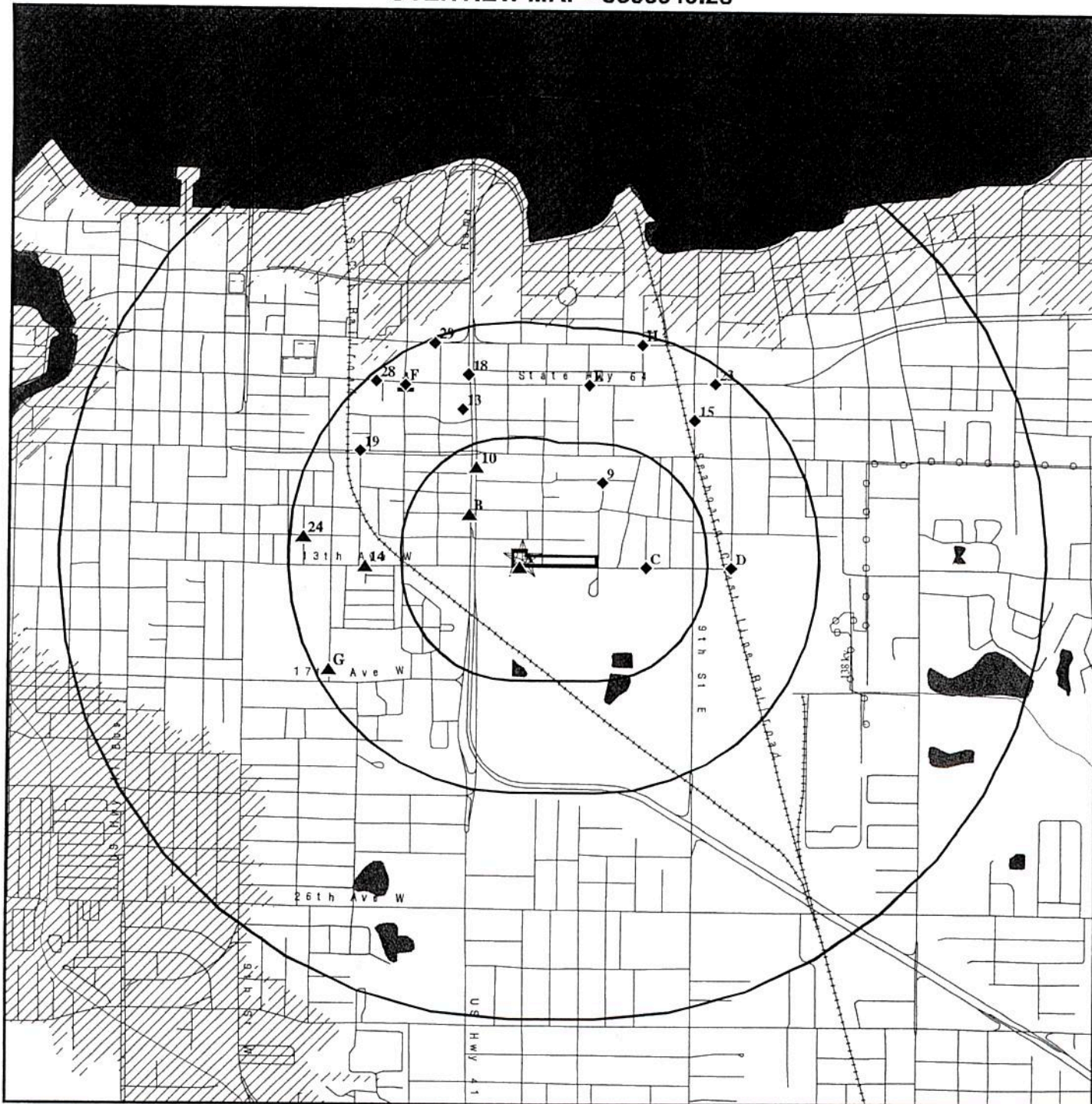
| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|-----------|------------|------------------------------------|--------------------------------|-------|--------------------------|
| BRADENTON | 1014471510 | MANATEE COUNTY, OPERATIONS FACILIT | 2906 12ST CT E | | |
| BRADENTON | 1008384310 | SR-70A 15TH ST E OF FROM 150 S R - | 15TH ST E AND 38TH AVE | 34208 | RCRA-CESQG |
| BRADENTON | 1011403217 | SR-684 - CORTEZ RD | FR 17TH ST W TO E OF 42ND AVE | 34208 | FINDS |
| BRADENTON | 1008158585 | MANATEE FURNITURE STORE | 3015 1ST ST | | FINDS |
| BRADENTON | 1014948534 | 9TH AVENUE EAST PROPERTIES | 214TH AVE E & MARTIN LUTHER K | 34208 | FINDS |
| BRADENTON | 1014207395 | 1201 WEST 21ST AVENUE R | 1201 W 21ST AVE | 34208 | US BROWNFIELDS |
| BRADENTON | 1010496484 | TIDEVUE ESTATES SEWER & WATER - PH | 42ND AVE & 10TH | | US CDL |
| BRADENTON | S113388291 | VERIZON - BRADENTON MAIN CO - FL42 | 1017 W 4TH AVE | 34205 | FINDS |
| BRADENTON | 1011401058 | 57TH AVENUE WEST & EAST | 57TH AVE FROM US 41 TO 15TH ST | 34205 | TIER 2 |
| BRADENTON | 1014688168 | CITY OF BRADENTON - MANATEE AV | 608TH MANATEE AVE GIBBS E & R | | FINDS |
| BRADENTON | 1007127318 | MANATEE HARLEY DAVIDSON | 624 & 628 67TH ST. CIRCLE E. | 34208 | FINDS |
| BRADENTON | 1007084916 | HARBOUR WALK SUBDIVISION - MAINSAI | SR 64 AND 48TH STREET EAST | 34208 | FINDS |
| BRADENTON | 1000496728 | MANATEE COUNTY WWTP | HC 64 & 14 MI EAST OF BRADENT | 34208 | FINDS |
| BRADENTON | 1011436431 | SR 64 - I - 75 TO LENA RD | 115 6TH AVE E | | RCRA NonGen / NLR, FINDS |
| BRADENTON | 1011408433 | FDOT SR-93 - I-75 AT CSX - RR & SR | SR 93 @ SR 64 | 34208 | FINDS |
| BRADENTON | S107718243 | FERRELLGAS - BRADENTON | 1807 E 9TH ST | | FINDS |
| BRADENTON | S111751085 | PREFERRED MATERIALS - BRADENTON 9T | 9TH ST | 34208 | TIER 2 |
| BRADENTON | 1011623743 | MANATEE COUNTY PUBLIC WORKS | BRADENTON FL | 34208 | TIER 2 |
| BRADENTON | S110633018 | MANATEE TECHNICAL INSTITUTE - SR-7 | NE CORNER OF & CARUSO RD | | ICIS |
| BRADENTON | 1007085023 | WAL-MART - BRADENTON(NE) FLORI | NORTHWEST CORNER OF SR 64 AND | | NPDES |
| BRADENTON | S108977937 | GATEWAY TO THE RANCH - WEST PLAZA | SW CORNER OF 87TH ST E & 54TH | 34208 | FINDS |
| BRADENTON | S108977936 | GATEWAY TO THE RANCH - EAST PLAZA | SE CORNER OF 87TH ST E & 54TH | | NPDES |
| BRADENTON | 1009319626 | TIDEWATER PRESERVE - PHASE 1 | E END OF 48TH ST CT E | | NPDES |
| BRADENTON | S111119088 | CHASE - BRADENTON | 4915 E HC 64 | 34208 | FINDS |
| BRADENTON | S109054106 | BURGER KING - RANCH LAKE PLAZA | 8502 E HC 70 | | NPDES |
| BRADENTON | 1008272599 | MANATEE HIGH SCHOOL | 1 HURRICANE LANE | | NPDES |
| BRADENTON | 1011398748 | CASCADES AT SARASOTA RECREATION CE | LOCKWOOD RIDGE RD., N. OF WHIT | 34205 | FINDS |
| BRADENTON | 2003635825 | 13210 MANATEE AVE. W | 13210 MANATEE AVE W | | FINDS |
| BRADENTON | 1011404354 | BRADENTON - SARASOTA ARENA | 3/4 MI N OF SR 70 AND +/- 2,40 | | ERNS |
| BRADENTON | S109615071 | MANATEE FRUIT - WHITE BARN | NEAR 40 AVE W & 115TH ST W | | FINDS |
| BRADENTON | 1000327514 | TECO/DNR-PORT MANATEE SITE | NEAR COUNTY LINE RD & HARLEE | 34205 | TIER 2 |
| BRADENTON | 1011407378 | TARA BLVD - PHASE 3 - SUBPHASE A & | EAST OF TARA BLVD., NORTH OF T | | CERCLIS, FINDS |
| BRADENTON | 1011399115 | BRADENTON - SARASOTA ARENA ROADWAY | N OF SR 70 E OF LAKEWOOD RANCH | | FINDS |
| BRADENTON | A100010262 | MANATEE FRUIT CO | POM FIELD COR | | FINDS |
| BRADENTON | S107803206 | HERITAGE HARBOUR - RIVERSTRAND - U | 8720 A PORT HARBOUR PKWY | | AST |
| BRADENTON | S110305161 | RYE WILDERNESS - LOTS 2,4,6,10,16, | N RYE RD & 167TH BLVD NE | | NPDES |
| BRADENTON | 1009650981 | HIDDEN LAGOON - PHASE 2 | SEC OAK ST & HUBBEL RD | | NPDES |
| BRADENTON | 1011404348 | MARS - N TO SE REGIONAL WWTP PIPEL | SPENCER PARRISH RD TO GOLF COU | 34208 | FINDS |
| BRADENTON | 1012053258 | SPARKLE BRITE OF SARASOTA | 6513 STATE HIGHWAY 64 | | FINDS |
| BRADENTON | S109142787 | VERIZON FLORIDA - LENA RSU | 7502 STATE HIGHWAY 64 | 34208 | SSTS |
| BRADENTON | S112283869 | | 3815 STATE RIAD | 34205 | TIER 2 |
| BRADENTON | S105162888 | LAKE MANATEE RECREATION AREA WWTP | 2007 STHY 64 | | DEDB |
| BRADENTON | S113388132 | PREFERRED MATERIALS - BRADENTON 9T | 9 STREET E | | NPDES |
| | | | | 34208 | TIER 2 |

Count: 68 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|----------------|------------|------------------------------------|--------------------------------|-------|-----------------------------|
| BRADENTON | 1007848084 | USF - CROSLEY CAMPUS CENTER | US TAMiami TRAIL & SEAGATE | 00000 | FINDS |
| BRADENTON | 2011010327 | TROPICANA PROUCTS 1001 13TH A | TROPICANA PROUCTS 1001 | 34208 | HMIRS |
| BRADENTON | 1014689068 | MANATEE COUNTY - ORANGE RIDGE | UNKNOWN | 34208 | FINDS |
| MANATEE COUNTY | S110334903 | MANATEE SOUTHWEST RECLAIMED ASR | 5101 65TH STREET WEST | | UIC |
| MANATEE COUNTY | 2010935280 | FORT MANATEE BERTH 10 | FORT MANATEE BERTH 10 | | ERNS |
| MANATEE COUNTY | S110701761 | GREEN VILLAGE - PHASE I | 503 PINE AVE | | UIC |
| MANATEE COUNTY | S110334768 | LAKE MANATEE ASR | 17915 WATERLINE ROAD | 34221 | TIER 2 |
| PALMETTO | S108786648 | NUCO 2 - PALMETTO | 608 17TH ST | 34221 | AST |
| PALMETTO | A100325594 | MANATEE CNTY UTIL LIFT STATION #N1 | 2508 28TH AVE | 34221 | TIER 2 |
| PALMETTO | S107724530 | TAYLOR AND FULTON - CANAL ROAD GRE | 3009 28TH STCT E | 34221 | FINDS |
| PALMETTO | 1012160689 | PORT MANATEE WATER LINE INSTAL | NORTH DOCK STREET | 34221 | FINDS |
| PALMETTO | 1011428257 | RIVIERA WALK EAST | HABEN BLVD & US 301 | 34221 | FINDS |
| PALMETTO | 1009727858 | 7 - ELEVEN STORE #33110 | 208 U.S. HWY 41 NORTH | 34221 | FINDS |
| PALMETTO | 1009599548 | PORT OF MANATEE | MANATEE COUNTY PORT AUTHORITY | 34221 | ICIS |
| PALMETTO | 1011544786 | PORT OF MANATEE | MANATEE COUNTY PORT AUTHORITY | 34221 | FINDS |
| PALMETTO | 1011433418 | LAGUNA AT RIVERA DUNES EAST | EAST OF RIVERA DUNES WAY & SOU | 34221 | FTTS, HIST FTTS, FINDS, ENG |
| PALMETTO | 1004457138 | MANATEE SCRAP | PORT MANATEE COUNTY LINE RD | | CONTROLS, INST CONTROL |
| | | | | 34221 | AIRS |
| PALMETTO | S110960091 | FP&L PORT MANATEE OIL STORAGE FACI | PRT MANATEE | 34221 | FINDS |
| PALMETTO | 1005582814 | MANATEE COUNTY PORT AUTH | 300 REGAL CRUISEWAY STE 1 | 34221 | ICIS |
| PALMETTO | 1011566994 | MANATEE COUNTY PORT AUTH | 300 REGAL CRUISEWAY STE 1 P | 34221 | FINDS |
| PALMETTO | 1011983813 | SARASOTA LAND SERVICES HIGHWAY | 1300 LF S OF BUCKEYE RD | 34221 | FINDS |
| PALMETTO | 1011423298 | PORT MANATEE | 300 TAMPA BAY WAY STE 1 | 34221 | FINDS |
| PALMETTO | 1014692506 | AJAX PAVING INDUSTRIES INC - P | UNKNOWN | 34221 | AIRS |
| PALMETTO | S110472094 | FBENERGY MANATEE FACILITY, LLC | 11805 USHY 41N | 34221 | FINDS |
| PINEY POINT | 1007467400 | EL PASO MANATEE ENERGY CENTER | 1 MILE N.E. OF BUCKEYE ROAD AN | | |

OVERVIEW MAP - 3598540.2s



Target Property

- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

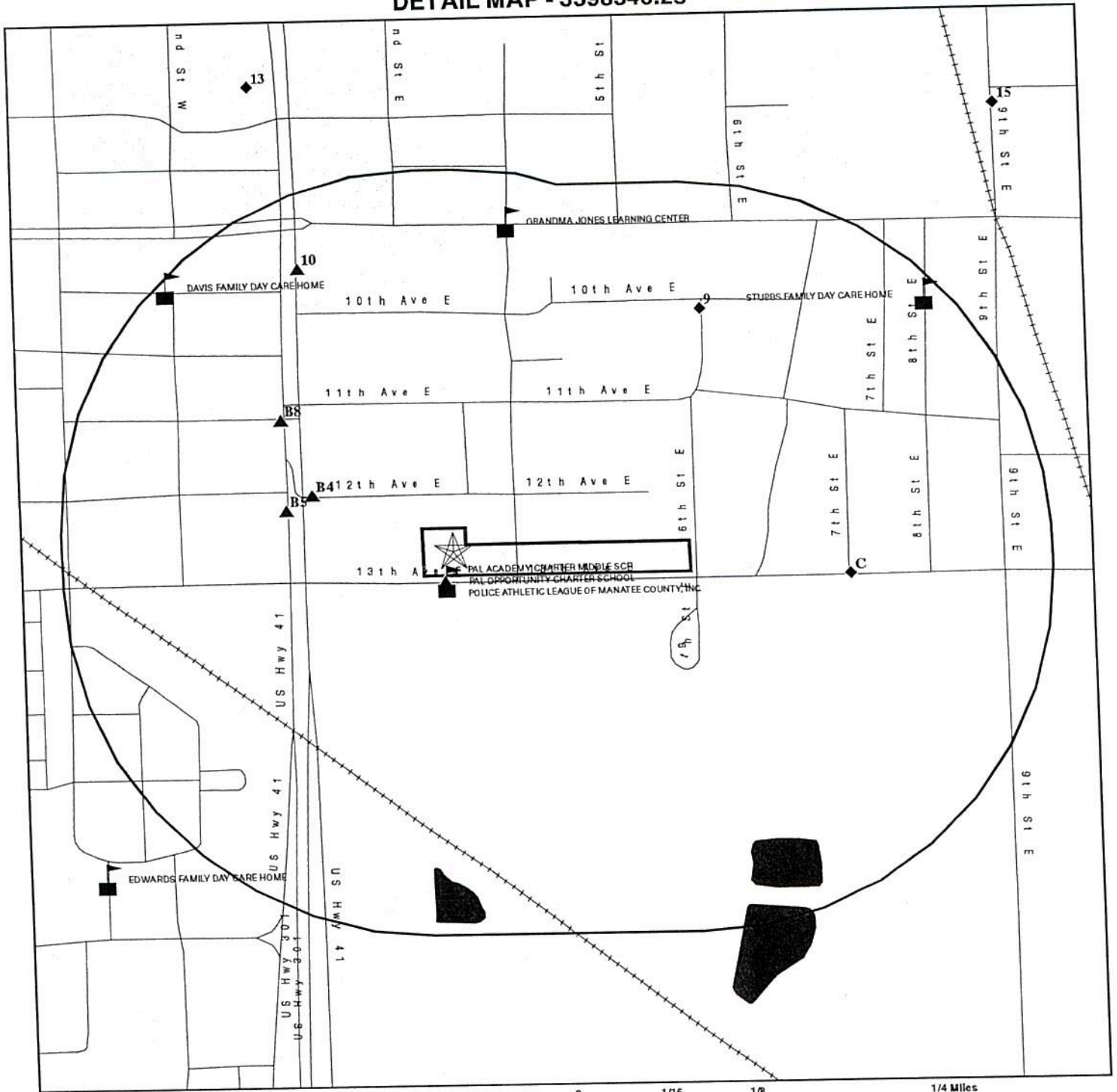
FL Brownfield

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sarasota Manatee MPO - TROP 13th Avenue East
 ADDRESS: 223 13th Avenue East
 Bradenton FL 34208
 LAT/LONG: 27.4884 / 82.5611

CLIENT: Cardno TBE
 CONTACT: Shawn Lasseter
 INQUIRY #: 3598540.2s
 DATE: May 06, 2013 4:43 pm

DETAIL MAP - 3598540.2s



Target Property

- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

FL Brownfield

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Sarasota Manatee MPO - TROP 13th Avenue East
 ADDRESS: 223 13th Avenue East
 Bradenton FL 34208
 LAT/LONG: 27.4884 / 82.5611

CLIENT: Cardno TBE
 CONTACT: Shawn Lasseter
 INQUIRY #: 3598540.2s
 DATE: May 06, 2013 4:46 pm

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| STANDARD ENVIRONMENTAL RECORDS | | | | | | | | |
| <i>Federal NPL site list</i> | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>Federal Delisted NPL site list</i> | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal CERCLIS list</i> | | | | | | | | |
| CERCLIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal CERCLIS NFRAP site List</i> | | | | | | | | |
| CERC-NFRAP | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| <i>Federal RCRA CORRACTS facilities list</i> | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>Federal RCRA non-CORRACTS TSD facilities list</i> | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal RCRA generators list</i> | | | | | | | | |
| RCRA-LQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-SQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-CESQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <i>Federal institutional controls / engineering controls registries</i> | | | | | | | | |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal ERNS list</i> | | | | | | | | |
| ERNS | TP | | NR | NR | NR | NR | NR | 0 |
| <i>State- and tribal - equivalent CERCLIS</i> | | | | | | | | |
| SHWS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| <i>State and tribal landfill and/or solid waste disposal site lists</i> | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal leaking storage tank lists</i> | | | | | | | | |
| LUST | 0.500 | | 4 | 1 | 15 | NR | NR | 20 |
| LAST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>State and tribal registered storage tank lists</i> | | | | | | | | |
| UST | 0.250 | | 6 | 2 | NR | NR | NR | 8 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FF TANKS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| State and tribal institutional control / engineering control registries | | | | | | | | |
| ENG CONTROLS | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| INST CONTROL | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ADDITIONAL ENVIRONMENTAL RECORDS | | | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 1 | 0 | 1 | NR | NR | 2 |
| Local Lists of Landfill / Solid Waste Disposal Sites | | | | | | | | |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Hazardous waste / Contaminated Sites | | | | | | | | |
| US CDL | TP | | NR | NR | NR | NR | NR | 0 |
| FI Sites | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| PRIORITYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US HIST CDL | TP | | NR | NR | NR | NR | NR | 0 |
| Local Land Records | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS 90 | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS 80 | TP | | NR | NR | NR | NR | NR | 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DOT OPS | TP | | NR | NR | NR | NR | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TRIS | TP | | NR | NR | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |
| FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| HIST FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| SSTS | TP | | NR | NR | NR | NR | NR | 0 |
| ICIS | TP | | NR | NR | NR | NR | NR | 0 |
| PADS | TP | | NR | NR | NR | NR | NR | 0 |
| MLTS | TP | | NR | NR | NR | NR | NR | 0 |
| RADINFO | TP | | NR | NR | NR | NR | NR | 0 |
| FINDS | TP | | NR | NR | NR | NR | NR | 0 |
| RAATS | TP | | NR | NR | NR | NR | NR | 0 |
| RMP | TP | | NR | NR | NR | NR | NR | 0 |
| UIC | TP | | NR | NR | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| DEDB | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| NPDES | TP | | NR | NR | NR | NR | NR | 0 |
| AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| FL Cattle Dip. Vats | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TIER 2 | TP | | NR | NR | NR | NR | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PRP | TP | | NR | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| US AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Financial Assurance | TP | | NR | NR | NR | NR | NR | 0 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

| | | | | | | | | |
|-----------------------|-------|--|---|---|----|----|----|---|
| EDR MGP | 1.000 | | 0 | 0 | 1 | 0 | NR | 1 |
| EDR US Hist Auto Stat | 0.250 | | 1 | 0 | NR | NR | NR | 1 |
| EDR US Hist Cleaners | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

A1
SSW
< 1/8
0.004 mi.
22 ft.

Relative:
Higher

1,000' WSW
BRADENTON - GROCERY STORE SITE
201 13TH AVENUE WEST
BRADENTON, FL 34208

US BROWNFIELDS 1014948628
N/A

[Click here for full text details](#)

*delimited
on-site @ railroad tracks
to W*

A2
South
< 1/8
0.004 mi.
22 ft.

Relative:
Higher

BRADENTON CITY - LIFT STATION #11
219 13TH AVE E
BRADENTON, FL 34208

LUST U001360950
UST N/A
Financial Assurance

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 9046841
Discharge Cleanup Status: NFA - NFA COMPLETE

UST

Facility Status: CLOSED
Facility-Site Id: 9046841
Tank Status: Removed

Financial Assurance
Facility Status: CLOSED

800'
A3
SSW
< 1/8
0.006 mi.
32 ft.

Relative:
Higher

MANATEE CNTY SCHOOL BD-BRADENTON MID E
202 13TH AVE E
BRADENTON, FL 34208

UST U001360827
N/A

[Click here for full text details](#)

UST

Facility Status: CLOSED
Facility-Site Id: 8841900
Tank Status: Removed

B4
WNW
< 1/8
0.080 mi.
422 ft.

Relative:
Higher

RACETRAC #100
111 12TH AVE E
BRADENTON, FL 34208

UST U003853629
Financial Assurance N/A

[Click here for full text details](#)

UST

Facility Status: OPEN
Facility-Site Id: 9804703
Tank Status: In service

Financial Assurance

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RACETRAC #100 (Continued)

U003853629

Facility Status: OPEN

B5
WNW
< 1/8
0.096 mi.
505 ft.

MOBIL-BRADENTON #388
1220 1ST ST W
BRADENTON, FL 34208

LUST U001360496
UST N/A

Financial Assurance

Relative:
Higher

[Click here for full text details](#)

LUST

Facility Status: OPEN
Facility-Site Id: 8623989
Discharge Cleanup Status: SA - SA ONGOING

UST

Facility Status: OPEN
Facility-Site Id: 8623989
Tank Status: In service
Tank Status: Removed

delineated w/ geo fencing N

Financial Assurance

Facility Status: OPEN

C6
East
< 1/8
0.112 mi.
592 ft.

BRADENTON CITY - GARAGE
701 13TH AVE WEST
BRADENTON, FL 34208

LUST U001360941
UST N/A

Financial Assurance

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: OPEN
Facility-Site Id: 9046829
Discharge Cleanup Status: NFA - NFA COMPLETE

UST

Facility Status: OPEN
Facility-Site Id: 9046829
Tank Status: In service
Tank Status: Removed

Financial Assurance

Facility Status: OPEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

C7
East
< 1/8
0.115 mi.
609 ft.

BRADENTON CITY - YARD
707 13TH AVE E
BRADENTON, FL 34208

LUST U001360944
UST N/A

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 9046832
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED

UST

Facility Status: CLOSED
Facility-Site Id: 9046832
Tank Status: Removed

B8
NW
< 1/8
0.124 mi.
655 ft.

101 11TH AVE W
BRADENTON, FL 34205

EDR US Hist Auto Stat 1015123936
N/A

Relative:
Higher

[Click here for full text details](#)

9
NE
1/8-1/4
0.163 mi.
861 ft.

BRADENTON CITY-NEIGHBORHOOD REDEVELOP
914 6TH AVE E
BRADENTON, FL 34208

UST U003336192
N/A

Relative:
Lower

[Click here for full text details](#)

UST

Facility Status: CLOSED
Facility-Site Id: 9401426
Tank Status: Removed

10
NNW
1/8-1/4
0.201 mi.
1059 ft.

NATIONAL FOOD CENTER
909 1ST ST
BRADENTON, FL 34208

LUST U001360853
UST N/A

Relative:
Higher

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8942848
Discharge Cleanup Status: NREQ - CLEANUP NOT REQUIRED

UST

Facility Status: CLOSED
Facility-Site Id: 8942848
Tank Status: Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D11
East
1/4-1/2
0.304 mi.
1605 ft.

TROPICANA MANUFACTURING CO INC
1001 13TH AVE E
BRADENTON, FL 34208

LUST
UST
AST

U003657333
N/A

Financial Assurance

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: OPEN
Facility-Site Id: 8624435
Discharge Cleanup Status: NFA - NFA COMPLETE
Discharge Cleanup Status: SRCR - SRCR COMPLETE
Discharge Cleanup Status: RA - RA ONGOING



UST

Facility Status: OPEN
Facility Status: CLOSED
Facility-Site Id: 8624435
Facility-Site Id: 8732472
Tank Status: Removed
Tank Status: Closed in place

AST

Facility-Site Id: 8624435
Facility-Site Id: 8732472
Facility Status: CLOSED
Facility Status: OPEN

Financial Assurance

Facility Status: OPEN

D12
East
1/4-1/2
0.304 mi.
1605 ft.

1001 13TH AVENUE EAST
BRADENTON, FL

SPILLS
ENG CONTROLS
INST CONTROL
AIRS
TIER 2

S110117892
N/A

Relative:
Lower

[Click here for full text details](#)

ENG CONTROLS

Facility-Site Id: 8624435

INST CONTROL

Facility-Site Id: 8624435

AIRS

Facility Id: 810007
Facility Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

13
NNW
1/4-1/2
0.330 mi.
1744 ft.

FORMER CIRCLE K #7344
727 HWY 301 E
BRADENTON, FL 34208

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8510964
Discharge Cleanup Status: SA - SA ONGOING

UST

Facility Status: CLOSED
Facility-Site Id: 8510964
Tank Status: Removed

14
West
1/4-1/2
0.331 mi.
1748 ft.

SINGELTARY CONCRETE PRODUCTS INC
408 13TH AVE W
BRADENTON, FL 34205

Relative:
Higher

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8839687
Discharge Cleanup Status: NFA - NFA COMPLETE

UST

Facility Status: CLOSED
Facility-Site Id: 8839687
Tank Status: Closed in place

AST

Facility-Site Id: 8839687
Facility Status: CLOSED

15
NE
1/4-1/2
0.373 mi.
1970 ft.

MILLER INSULATION CO
809 9TH ST E
BRADENTON, FL 34208

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 9046011
Discharge Cleanup Status: SRCR - SRCR COMPLETE

UST

Facility Status: CLOSED
Facility-Site Id: 9046011
Tank Status: Removed

LUST U001360431
UST N/A

LUST U001360802
UST N/A
AST

LUST U000135108
UST N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E16
NNE
1/4-1/2
0.374 mi.
1974 ft.

MANATEE CNTY-HEALTH DEPT
410 6TH AVE E
BRADENTON, FL 34208

LUST U001360890
UST N/A

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8944471
Discharge Cleanup Status: RA - RA ONGOING

UST

Facility Status: CLOSED
Facility-Site Id: 8944471
Tank Status: Removed

E17
NNE
1/4-1/2
0.377 mi.
1990 ft.

CONSTRUCTION WHOLESALE CO
510 6TH AVE E
BRADENTON, FL 34208

LUST U001360533
UST N/A

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8624161
Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA

UST

Facility Status: CLOSED
Facility-Site Id: 8624161
Tank Status: Removed

18
NNW
1/4-1/2
0.399 mi.
2109 ft.

CHEVRON-MCNITT FOODMART
520 1ST ST W
BRADENTON, FL 34208

LUST U003107557
UST N/A
Financial Assurance

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8510778
Discharge Cleanup Status: NFA - NFA COMPLETE

UST

Facility Status: CLOSED
Facility-Site Id: 8510778
Tank Status: Removed

Financial Assurance

Facility Status: CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

19
WNW
1/4-1/2
0.406 mi.
2146 ft.

Relative:
Lower

BRADENTON CITY - LIFT STATION #17
420 9TH AVE W
BRADENTON, FL 34205

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 9046839
Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA

UST

Facility Status: CLOSED
Facility-Site Id: 9046839
Tank Status: Removed

Financial Assurance

Facility Status: CLOSED

LUST
UST
Financial Assurance
U003109704
N/A

F20
NW
1/4-1/2
0.427 mi.
2257 ft.

Relative:
Lower

BRADENTON GASIFICATION PLANT
INTERSECTION OF W. 6TH AVE. @ 3RD ST.
BRADENTON, FL 33505

[Click here for full text details](#)

CERC-NFRAP

EPA Id: FLD984169185

CERC-NFRAP
1003869240
FLD984169185

F21
NW
1/4-1/2
0.437 mi.
2307 ft.

Relative:
Lower

BRADENTON GASIFICATION PLANT
INT W 6TH AVE AND WEST 3RD STREET
BRADENTON, FL 33505

[Click here for full text details](#)

EDR MGP
1008407158
N/A

G22
SW
1/4-1/2
0.446 mi.
2353 ft.

Relative:
Higher

BRADENTON PROPANE
525 17TH AVE W
BRADENTON, FL 34205

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8732739
Discharge Cleanup Status: RA - RA ONGOING

UST

Facility Status: CLOSED
Facility-Site Id: 8732739

LUST
UST
Financial Assurance
U001360688
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADENTON PROPANE (Continued)

Tank Status: Removed

U001360688

Financial Assurance

Facility Status: CLOSED

23
NE
1/4-1/2
0.465 mi.
2455 ft.

BRADENTON - FORMER FIRE STATION SITE
912 7TH AVENUE EAST
BRADENTON, FL 34208

US BROWNFIELDS

1014948627
N/A

Relative:
Lower

[Click here for full text details](#)

24
West
1/4-1/2
0.469 mi.
2475 ft.

EV DISCOUNT TIRE
1205 W 7TH ST
BRADENTON, FL 34205

LUST
UST

U004119447
N/A

Relative:
Higher

[Click here for full text details](#)

LUST

Facility Status: CLOSED

Facility-Site Id: 9810066

Discharge Cleanup Status: SRCR - SRCR COMPLETE

UST

Facility Status: CLOSED

Facility-Site Id: 9810066

Tank Status: Removed

G25
WSW
1/4-1/2
0.470 mi.
2479 ft.

BRADENTON CITY-SOLID WASTE FUELING
1520 6TH ST W
BRADENTON, FL 34205

LUST
UST
AST

U003109702
N/A

Financial Assurance

Relative:
Higher

[Click here for full text details](#)

LUST

Facility Status: OPEN

Facility-Site Id: 9046831

Discharge Cleanup Status: NFA - NFA COMPLETE

UST

Facility Status: OPEN

Facility-Site Id: 9046831

Tank Status: Removed

AST

Facility-Site Id: 9046831

Facility Status: OPEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRADENTON CITY-SOLID WASTE FUELING (Continued)

U003109702

Financial Assurance

Facility Status: OPEN

H26
NNE
1/4-1/2
0.476 mi.
2515 ft.

FL DEPT OF TRANSPORTATION-HARRY'S AUTO SUPPLY
701 E MANATEE AVE
BRADENTON, FL 33505

LUST U003167468
UST N/A

[Click here for full text details](#)

Relative:
Lower

LUST

Facility Status: CLOSED
Facility-Site Id: 9602389
Discharge Cleanup Status: REPT - REPORT OF DISCHARGE RECEIVED

UST

Facility Status: CLOSED
Facility-Site Id: 9602389
Tank Status: Removed

H27
NNE
1/4-1/2
0.478 mi.
2522 ft.

LMBR STORAGE
704 MANATEE AVE E
BRADENTON, FL 34208

LUST U001360957
UST N/A

[Click here for full text details](#)

Relative:
Lower

LUST

Facility Status: CLOSED
Facility-Site Id: 9100003
Discharge Cleanup Status: ENTD - ELIGIBLE - NO TASK LEVEL DATA

UST

Facility Status: CLOSED
Facility-Site Id: 9100003
Tank Status: Removed

28
NW
1/4-1/2
0.482 mi.
2547 ft.

CITY FUEL OIL CO
419 6TH AVE W
BRADENTON, FL 34205

LUST S101264825
AST N/A

[Click here for full text details](#)

Relative:
Lower

LUST

Facility Status: CLOSED
Facility-Site Id: 9100228
Discharge Cleanup Status: SRCR - SRCR COMPLETE

AST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY FUEL OIL CO (Continued)

S101264825

Facility-Site Id: 9100228
Facility Status: CLOSED

29
NNW
1/4-1/2
0.488 mi.
2578 ft.

MANATEE CNTY SCHOOL BD-ADMIN BLDG
215 MANATEE AVE W
BRADENTON, FL 34205

LUST
UST
Financial Assurance

U001360493
N/A

Relative:
Lower

[Click here for full text details](#)

LUST

Facility Status: CLOSED
Facility-Site Id: 8623985
Discharge Cleanup Status: RAP - RAP ONGOING

UST

Facility Status: CLOSED
Facility-Site Id: 8623985
Tank Status: Removed

Financial Assurance

Facility Status: CLOSED

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|----|-----------------------|--|--|------------|------------|-------------|
| FL | AIRS | Permitted Facilities Listing | Department of Environmental Protection | 02/04/2013 | 02/05/2013 | 03/13/2013 |
| FL | AST | Storage Tank Facility Information | Department of Environmental Protection | 01/09/2013 | 02/05/2013 | 03/08/2013 |
| FL | BROWNFIELDS | Brownfield Areas | Department of Environmental Protection | 04/01/2013 | 04/09/2013 | 04/18/2013 |
| FL | DEDB | Ethylene Dibromide Database Results | Department of Environmental Protection | 01/07/2013 | 01/08/2013 | 01/25/2013 |
| FL | DRYCLEANERS | Drycleaning Facilities | Department of Environmental Protection | 01/25/2013 | 01/29/2013 | 03/13/2013 |
| FL | ENG CONTROLS | Institutional Controls Registry | Department of Environmental Protection | 04/01/2013 | 04/09/2013 | 04/19/2013 |
| FL | FF TANKS | Federal Facilities Listing | Department of Environmental Protection | 04/08/2013 | 04/09/2013 | 04/18/2013 |
| FL | FL Cattle Dip. Vats | Cattle Dipping Vats | Department of Environmental Protection | 02/04/2005 | 06/29/2007 | 07/11/2007 |
| FL | FL SITES | Sites List | Department of Environmental Protection | 12/31/1989 | 05/09/1994 | 08/04/1994 |
| FL | Financial Assurance 1 | Financial Assurance Information Listing | Department of Environmental Protection | 02/05/2013 | 02/06/2013 | 03/13/2013 |
| FL | Financial Assurance 2 | Financial Assurance Information Listing | Department of Environmental Protection | 02/04/2013 | 02/05/2013 | 03/13/2013 |
| FL | Financial Assurance 3 | Financial Assurance Information Listing | Department of Environmental Protection | 01/09/2013 | 02/05/2013 | 03/13/2013 |
| FL | Inst Control | Institutional Controls Registry | Department of Environmental Protection | 04/01/2013 | 04/09/2013 | 04/19/2013 |
| FL | LAST | Leaking Aboveground Storage Tank Listing | Department of Environmental Protection | 02/04/2013 | 02/05/2013 | 03/13/2013 |
| FL | LUST | Petroleum Contamination Detail Report | Department of Environmental Protection | 01/09/2013 | 02/05/2013 | 03/13/2013 |
| FL | PRIORITYCLEANERS | Priority Ranking List | Department of Environmental Protection | 01/03/2013 | 02/19/2013 | 03/13/2013 |
| FL | SHWS | Florida's State-Funded Action Sites | Department of Environmental Protection | 02/01/2013 | 02/26/2013 | 03/13/2013 |
| FL | SPILLS | Oil and Hazardous Materials Incidents | Department of Environmental Protection | 01/15/2013 | 01/16/2013 | 01/25/2013 |
| FL | SPILLS 80 | SPILLS80 data from FirstSearch | FirstSearch | 09/01/2001 | 01/03/2013 | 03/06/2013 |
| FL | SPILLS 90 | SPILLS90 data from FirstSearch | FirstSearch | 12/10/2012 | 01/03/2013 | 03/04/2013 |
| FL | SWF/LF | Solid Waste Facility Database | Department of Environmental Protection | 01/21/2013 | 01/22/2013 | 03/13/2013 |
| FL | SWRCY | Recycling Centers | Department of Environmental Protection | 12/31/2011 | 11/13/2012 | 12/05/2012 |
| FL | TIER 2 | Tier 2 Facility Listing | Department of Environmental Protection | 12/31/2011 | 04/03/2013 | 04/23/2013 |
| FL | UIC | Underground Injection Wells Database Listing | Department of Environmental Protection | 01/30/2013 | 01/31/2013 | 03/13/2013 |
| FL | UST | Storage Tank Facility Information | Department of Environmental Protection | 01/09/2013 | 02/05/2013 | 03/08/2013 |
| FL | VCP | Voluntary Cleanup Sites | Department of Environmental Protection | 03/11/2013 | 03/12/2013 | 04/18/2013 |
| FL | WASTEWATER | Wastewater Facility Regulation Database | Department of Environmental Protection | 02/04/2013 | 02/12/2013 | 03/15/2013 |
| US | 2020 COR ACTION | 2020 Corrective Action Program List | Environmental Protection Agency | 11/11/2011 | 05/18/2012 | 05/25/2012 |
| US | BRS | Biennial Reporting System | EPA/NTIS | 12/31/2011 | 02/26/2013 | 04/19/2013 |
| US | CERCLIS | Comprehensive Environmental Response, Compensation, and Liab | EPA | 02/04/2013 | 03/01/2013 | 03/13/2013 |
| US | CERCLIS-NFRAP | CERCLIS No Further Remedial Action Planned | EPA | 02/05/2013 | 03/01/2013 | 03/13/2013 |
| US | COAL ASH DOE | Steam-Electric Plan Operation Data | Department of Energy | 12/31/2005 | 08/07/2009 | 10/22/2009 |
| US | COAL ASH EPA | Coal Combustion Residues Surface Impoundments List | Environmental Protection Agency | 08/17/2010 | 01/03/2011 | 03/21/2011 |
| US | CONSENT | Superfund (CERCLA) Consent Decrees | Department of Justice, Consent Decree Library | 12/31/2011 | 01/15/2013 | 03/13/2013 |
| US | CORRACTS | Corrective Action Report | EPA | 02/12/2013 | 02/21/2013 | 02/27/2013 |
| US | DEBRIS REGION 9 | Torres Martinez Reservation Illegal Dump Site Locations | EPA | 01/12/2009 | 05/07/2009 | 09/21/2009 |
| US | DELISTED NPL | National Priority List Deletions | EPA, Region 9 | 02/01/2013 | 03/01/2013 | 03/13/2013 |
| US | DOD | Department of Defense Sites | EPA | 12/31/2005 | 11/10/2006 | 01/11/2007 |
| US | DOT OPS | Incident and Accident Data | USGS | 07/31/2012 | 08/07/2012 | 09/18/2012 |
| US | EDR MGP | EDR Proprietary Manufactured Gas Plants | Department of Transportation, Office of Pipeli | | | |
| US | EDR US Hist Auto Stat | EDR Exclusive Historic Gas Stations | EDR, Inc. | | | |
| US | EDR US Hist Auto Stat | EDR Proprietary Historic Gas Stations - Cole | EDR, Inc. | | | |
| US | EDR US Hist Cleaners | EDR Proprietary Historic Dry Cleaners - Cole | EDR, Inc. | | | |
| US | EDR US Hist Cleaners | EDR Exclusive Historic Dry Cleaners | Environmental Protection Agency | 07/31/2012 | 08/13/2012 | 09/18/2012 |
| US | EPA WATCH LIST | EPA WATCH LIST | National Response Center, United States Coast | 12/31/2012 | 01/17/2013 | 02/15/2013 |
| US | ERNS | Emergency Response Notification System | Environmental Protection Agency | 07/31/2012 | 10/09/2012 | 12/20/2012 |
| US | FEDERAL FACILITY | Federal Facility Site Information listing | | | | |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl Date | Active Date |
|----|-------------------|--|---|------------|------------|-------------|
| US | FEDLAND | Federal and Indian Lands | U.S. Geological Survey | 12/31/2005 | 02/06/2006 | 01/11/2007 |
| US | FEMA UST | Underground Storage Tank Listing | FEMA | 01/01/2010 | 02/16/2010 | 04/12/2010 |
| US | FINDS | Facility Index System/Facility Registry System | EPA | 10/23/2011 | 12/13/2011 | 03/01/2012 |
| US | FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA/Office of Prevention, Pesticides and Toxi | 04/09/2009 | 04/16/2009 | 05/11/2009 |
| US | FTTS INSP | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu | EPA | 04/09/2009 | 04/16/2009 | 05/11/2009 |
| US | FUDS | Formerly Used Defense Sites | U.S. Army Corps of Engineers | 12/31/2011 | 02/26/2013 | 03/13/2013 |
| US | HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing | Environmental Protection Agency | 10/19/2006 | 03/01/2007 | 04/10/2007 |
| US | HIST FTTS INSP | FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis | Environmental Protection Agency | 10/19/2006 | 03/01/2007 | 04/10/2007 |
| US | HMIRS | Hazardous Materials Information Reporting System | U.S. Department of Transportation | 12/31/2012 | 01/03/2013 | 02/27/2013 |
| US | ICIS | Integrated Compliance Information System | Environmental Protection Agency | 07/20/2011 | 11/10/2011 | 01/10/2012 |
| US | INDIAN LUST R1 | Leaking Underground Storage Tanks on Indian Land | EPA Region 1 | 09/28/2012 | 11/01/2012 | 04/12/2013 |
| US | INDIAN LUST R10 | Leaking Underground Storage Tanks on Indian Land | EPA Region 10 | 02/05/2013 | 02/06/2013 | 04/12/2013 |
| US | INDIAN LUST R4 | Leaking Underground Storage Tanks on Indian Land | EPA Region 4 | 02/06/2013 | 02/08/2013 | 04/12/2013 |
| US | INDIAN LUST R6 | Leaking Underground Storage Tanks on Indian Land | EPA Region 6 | 09/12/2011 | 09/13/2011 | 11/11/2011 |
| US | INDIAN LUST R7 | Leaking Underground Storage Tanks on Indian Land | EPA Region 7 | 12/31/2012 | 02/28/2013 | 04/12/2013 |
| US | INDIAN LUST R8 | Leaking Underground Storage Tanks on Indian Land | EPA Region 8 | 08/27/2012 | 08/28/2012 | 10/16/2012 |
| US | INDIAN LUST R9 | Leaking Underground Storage Tanks on Indian Land | Environmental Protection Agency | 03/01/2013 | 03/01/2013 | 04/12/2013 |
| US | INDIAN ODI | Report on the Status of Open Dumps on Indian Lands | Environmental Protection Agency | 12/31/1998 | 12/03/2007 | 01/24/2008 |
| US | INDIAN RESERV | Indian Reservations | USGS | 12/31/2005 | 12/08/2006 | 01/11/2007 |
| US | INDIAN UST R1 | Underground Storage Tanks on Indian Land | EPA, Region 1 | 09/28/2012 | 11/07/2012 | 04/12/2013 |
| US | INDIAN UST R10 | Underground Storage Tanks on Indian Land | EPA Region 10 | 02/05/2013 | 02/06/2013 | 04/12/2013 |
| US | INDIAN UST R4 | Underground Storage Tanks on Indian Land | EPA Region 4 | 02/06/2013 | 02/08/2013 | 04/12/2013 |
| US | INDIAN UST R5 | Underground Storage Tanks on Indian Land | EPA Region 5 | 08/02/2012 | 08/03/2012 | 11/05/2012 |
| US | INDIAN UST R6 | Underground Storage Tanks on Indian Land | EPA Region 6 | 05/10/2011 | 05/11/2011 | 06/14/2011 |
| US | INDIAN UST R7 | Underground Storage Tanks on Indian Land | EPA Region 7 | 12/31/2012 | 02/28/2013 | 04/12/2013 |
| US | INDIAN UST R8 | Underground Storage Tanks on Indian Land | EPA Region 8 | 08/27/2012 | 08/28/2012 | 10/16/2012 |
| US | INDIAN UST R9 | Underground Storage Tanks on Indian Land | EPA Region 9 | 02/21/2013 | 02/26/2013 | 04/12/2013 |
| US | INDIAN VCP R1 | Voluntary Cleanup Priority Listing | EPA, Region 1 | 09/28/2012 | 10/02/2012 | 10/16/2012 |
| US | INDIAN VCP R7 | Voluntary Cleanup Priority Listing | EPA, Region 7 | 03/20/2008 | 04/22/2008 | 05/19/2008 |
| US | LIENS 2 | CERCLA Lien Information | Environmental Protection Agency | 02/16/2012 | 03/26/2012 | 06/14/2012 |
| US | LUCIS | Land Use Control Information System | Department of the Navy | 12/09/2005 | 12/11/2006 | 01/11/2007 |
| US | MLTS | Material Licensing Tracking System | Nuclear Regulatory Commission | 06/21/2011 | 07/15/2011 | 09/13/2011 |
| US | NPL | National Priority List | EPA | 02/01/2013 | 03/01/2013 | 03/13/2013 |
| US | NPL LIENS | Federal Superfund Liens | EPA | 10/15/1991 | 02/02/1994 | 03/30/1994 |
| US | ODI | Open Dump Inventory | Environmental Protection Agency | 06/30/1985 | 08/09/2004 | 09/17/2004 |
| US | PADS | PCB Activity Database System | EPA | 11/01/2010 | 11/10/2010 | 02/16/2011 |
| US | PCB TRANSFORMER | PCB Transformer Registration Database | Environmental Protection Agency | 02/01/2011 | 10/19/2011 | 01/10/2012 |
| US | PRP | Potentially Responsible Parties | EPA | 12/02/2012 | 01/03/2013 | 03/13/2013 |
| US | Proposed NPL | Proposed National Priority List Sites | EPA | 02/01/2013 | 03/01/2013 | 03/13/2013 |
| US | RAATS | RCRA Administrative Action Tracking System | EPA | 04/17/1995 | 07/03/1995 | 08/07/1995 |
| US | RADINFO | Radiation Information Database | Environmental Protection Agency | 01/08/2013 | 01/09/2013 | 04/12/2013 |
| US | RCRA NonGen / NLR | RCRA - Non Generators | Environmental Protection Agency | 02/12/2013 | 02/15/2013 | 02/27/2013 |
| US | RCRA-CESQG | RCRA - Conditionally Exempt Small Quantity Generators | Environmental Protection Agency | 02/12/2013 | 02/15/2013 | 02/27/2013 |
| US | RCRA-LQG | RCRA - Large Quantity Generators | Environmental Protection Agency | 02/12/2013 | 02/15/2013 | 02/27/2013 |
| US | RCRA-SQG | RCRA - Small Quantity Generators | Environmental Protection Agency | 02/12/2013 | 02/15/2013 | 02/27/2013 |
| US | RCRA-TSDF | RCRA - Treatment, Storage and Disposal | Environmental Protection Agency | 02/12/2013 | 02/15/2013 | 02/27/2013 |
| US | RMP | Risk Management Plans | Environmental Protection Agency | 05/08/2012 | 05/25/2012 | 07/10/2012 |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl. Date | Active Date |
|----|---------------------------|--|---|------------|------------|-------------|
| US | ROD | Records Of Decision | EPA | 12/18/2012 | 03/13/2013 | 04/12/2013 |
| US | SCRD DRYCLEANERS | State Coalition for Remediation of Drycleaners Listing | Environmental Protection Agency | 03/07/2011 | 03/09/2011 | 05/02/2011 |
| US | SSTS | Section 7 Tracking Systems | EPA | 12/31/2009 | 12/10/2010 | 02/25/2011 |
| US | TRIS | Toxic Chemical Release Inventory System | EPA | 12/31/2009 | 09/01/2011 | 01/10/2012 |
| US | TSCA | Toxic Substances Control Act | EPA | 12/31/2006 | 09/29/2010 | 12/02/2010 |
| US | UMTRA | Uranium Mill Tailings Sites | Department of Energy | 09/14/2010 | 10/07/2011 | 03/01/2012 |
| US | US AIRS (AFS) | Aerometric Information Retrieval System Facility Subsystem (| EPA | 11/15/2012 | 11/16/2012 | 02/15/2013 |
| US | US AIRS MINOR | Air Facility System Data | EPA | 11/15/2012 | 11/16/2012 | 02/15/2013 |
| US | US BROWNFIELDS | A Listing of Brownfields Sites | Environmental Protection Agency | 12/10/2012 | 12/11/2012 | 12/20/2012 |
| US | US CDL | Clandestine Drug Labs | Drug Enforcement Administration | 11/14/2012 | 12/11/2012 | 02/15/2013 |
| US | US ENG CONTROLS | Engineering Controls Sites List | Environmental Protection Agency | 12/19/2012 | 12/26/2012 | 02/27/2013 |
| US | US FIN ASSUR | Financial Assurance Information | Environmental Protection Agency | 11/20/2012 | 11/30/2012 | 02/27/2013 |
| US | US HIST CDL | National Clandestine Laboratory Register | Drug Enforcement Administration | 09/01/2007 | 11/19/2008 | 03/30/2009 |
| US | US INST CONTROL | Sites with Institutional Controls | Environmental Protection Agency | 12/19/2012 | 12/26/2012 | 02/27/2013 |
| US | US MINES | Mines Master Index File | Department of Labor, Mine Safety and Health A | 08/18/2011 | 09/08/2011 | 09/29/2011 |
| CT | CT MANIFEST | Hazardous Waste Manifest Data | Department of Energy & Environmental Protecti | 02/18/2013 | 02/18/2013 | 03/21/2013 |
| NJ | NJ MANIFEST | Manifest Information | Department of Environmental Protection | 12/31/2011 | 07/19/2012 | 08/28/2012 |
| NY | NY MANIFEST | Facility and Manifest Data | Department of Environmental Conservation | 02/01/2013 | 02/07/2013 | 03/15/2013 |
| PA | PA MANIFEST | Manifest Information | Department of Environmental Protection | 12/31/2011 | 07/23/2012 | 09/18/2012 |
| RI | RI MANIFEST | Manifest information | Department of Environmental Management | 12/31/2011 | 06/22/2012 | 07/31/2012 |
| WI | WI MANIFEST | Manifest Information | Department of Natural Resources | 12/31/2011 | 07/19/2012 | 09/27/2012 |
| US | Oil/Gas Pipelines | GeoData Digital Line Graphs from 1:100,000-Scale Maps | USGS | | | |
| US | Electric Power Lines | Electric Power Transmission Line Data | Rextag Strategies Corp. | | | |
| US | AHA Hospitals | Sensitive Receptor: AHA Hospitals | American Hospital Association, Inc. | | | |
| US | Medical Centers | Sensitive Receptor: Medical Centers | Centers for Medicare & Medicaid Services | | | |
| US | Nursing Homes | Sensitive Receptor: Nursing Homes | National Institutes of Health | | | |
| US | Public Schools | Sensitive Receptor: Public Schools | National Center for Education Statistics | | | |
| US | Private Schools | Sensitive Receptor: Private Schools | National Center for Education Statistics | | | |
| FL | Daycare Centers | Sensitive Receptor: Department of Children & Families | Provider Information | | | |
| US | Flood Zones | 100-year and 500-year flood zones | Emergency Management Agency (FEMA) | | | |
| US | NWI | National Wetlands Inventory | U.S. Fish and Wildlife Service | | | |
| FL | State Wetlands | Wetlands Inventory | Department of Environmental Protection | | | |
| US | USGS 7.5' Topographic Map | Scanned Digital USGS 7.5' Topographic Map (DRG) | USGS | | | |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

| St | Acronym | Full Name | Government Agency | Gov Date | Arvl Date | Active Date |
|----|---------|-----------|-------------------|----------|-----------|-------------|
|----|---------|-----------|-------------------|----------|-----------|-------------|

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SARASOTA MANATEE MPO - TROP 13TH AVENUE EAST
223 13TH AVENUE EAST
BRADENTON, FL 34208

TARGET PROPERTY COORDINATES

| | |
|--------------------------------|--------------------------|
| Latitude (North): | 27.4884 - 27° 29' 18.24" |
| Longitude (West): | 82.5611 - 82° 33' 39.96" |
| Universal Transverse Mercator: | Zone 17 |
| UTM X (Meters): | 345776.0 |
| UTM Y (Meters): | 3041332.5 |
| Elevation: | 15 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|------------------------|
| Target Property Map: | 27082-D5 BRADENTON, FL |
| Most Recent Revision: | 1994 |
| North Map: | 27082-E5 PALMETTO, FL |
| Most Recent Revision: | 1987 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
MANATEE, FL

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

1201550010C - FEMA Q3 Flood data

Additional Panels in search area:

1201550003C - FEMA Q3 Flood data
1201550002C - FEMA Q3 Flood data
1201550009C - FEMA Q3 Flood data
1201530331B - FEMA Q3 Flood data
1201530327C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
BRADENTON

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| <u>MAP ID</u> | <u>LOCATION FROM TP</u> | <u>GENERAL DIRECTION GROUNDWATER FLOW</u> |
|---------------|-----------------------------|---|
| Not Reported | | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

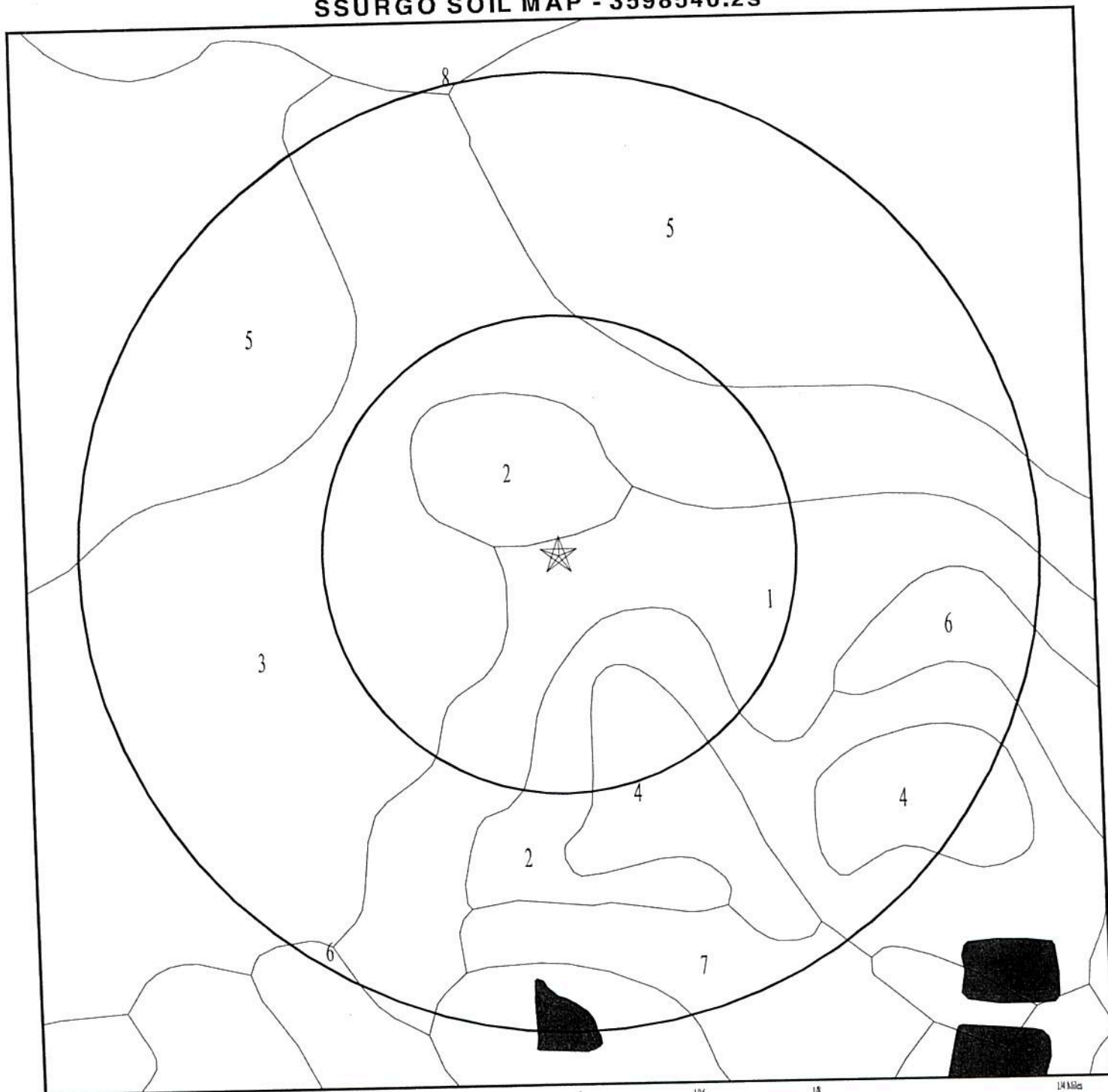
| | |
|---------|--|
| Era: | Cenozoic |
| System: | Tertiary |
| Series: | Miocene |
| Code: | Tm (decoded above as Era, System & Series) |

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3598540.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water

SITE NAME: Sarasota Manatee MPO - TROP 13th Avenue East
 ADDRESS: 223 13th Avenue East
 Bradenton FL 34208
 LAT/LONG: 27.4884 / 82.5611

CLIENT: Cardno TBE
 CONTACT: Shawn Lasseter
 INQUIRY #: 3598540.2s
 DATE: May 06, 2013 4:46 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Bradenton

Soil Surface Texture: fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|--------------|--|--------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 5 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |
| 2 | 5 inches | 12 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |
| 3 | 12 inches | 46 inches | fine sandy loam | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |
| 4 | 46 inches | 77 inches | bedrock | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Chobee

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|---|--|---|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 inches | loamy fine sand | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 1.4 | Max: 8.4 Min: 7.4 |
| 2 | 7 inches | 51 inches | sandy clay loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 1.4 | Max: 8.4 Min: 7.4 |
| 3 | 51 inches | 79 inches | loamy sand | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 1.4 | Max: 8.4 Min: 7.4 |

Soil Map ID: 3

Soil Component Name: Wabasso

Soil Surface Texture: fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|--|---|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 20 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.4 |
| 2 | 20 inches | 31 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.4 |
| 3 | 31 inches | 37 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.4 |
| 4 | 37 inches | 64 inches | sandy clay loam | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.4 |
| 5 | 64 inches | 79 inches | sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.4 |

Soil Map ID: 4

Soil Component Name: Chobee variant

Soil Surface Texture: sandy clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|--|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 20 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.9 |
| 2 | 20 inches | 35 inches | sandy clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.9 |
| 3 | 35 inches | 40 inches | sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.9 |
| 4 | 40 inches | 79 inches | loamy sand | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 141 Min: 42 | Max: 8.4 Min: 7.9 |

Soil Map ID: 5

Soil Component Name: EauGallie

Soil Surface Texture: fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|--|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 27 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 4 | Max: 7.8 Min: 4.5 |
| 2 | 27 inches | 42 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 4 | Max: 7.8 Min: 4.5 |
| 3 | 42 inches | 50 inches | sandy clay loam | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 4 | Max: 7.8 Min: 4.5 |
| 4 | 50 inches | 64 inches | loamy fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 42 Min: 4 | Max: 7.8 Min: 4.5 |

Soil Map ID: 6

Soil Component Name: Floridana

Soil Surface Texture: fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|---|---|--|----------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 14 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 1.4 Min: 0.42 | Max: 8.4 Min: 4.5 |
| 2 | 14 inches | 31 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 1.4 Min: 0.42 | Max: 8.4 Min: 4.5 |
| 3 | 31 inches | 64 inches | sandy clay loam | Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. | Max: 1.4 Min: 0.42 | Max: 8.4 Min: 4.5 |

Soil Map ID: 7

Soil Component Name: Parkwood variant

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class:

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|--------------|--|--------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | loamy fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |
| 2 | 9 inches | 37 inches | fine sandy loam | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |
| 3 | 37 inches | 40 inches | bedrock | Granular materials (35 pct. or less passing No. 200), Fine Sand. | Not reported | Max: 141 Min: 14 | Max: Min: |

Soil Map ID: 8

Soil Component Name: Cassia

Soil Surface Texture: fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 130 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|------------------------|-----------|-----------|--------------------|--|---|---|--------------------|
| Layer | Boundary | | Soil Texture Class | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| | Upper | Lower | | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 29 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 353 Min: 141 | Max: 6 Min: 4.5 |
| 2 | 29 inches | 40 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 353 Min: 141 | Max: 6 Min: 4.5 |
| 3 | 40 inches | 79 inches | fine sand | Granular materials (35 pct. or less passing No. 200), Fine Sand. | COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 353 Min: 141 | Max: 6 Min: 4.5 |

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

| <u>DATABASE</u> | <u>SEARCH DISTANCE (miles)</u> |
|------------------|--------------------------------|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------------|---------------------|
| 4 | USGS40000241600 | 1/4 - 1/2 Mile West |
| 5 | USGS40000241617 | 1/4 - 1/2 Mile NNW |
| A6 | USGS40000241618 | 1/4 - 1/2 Mile NNW |
| 7 | USGS40000241613 | 1/4 - 1/2 Mile NE |
| A8 | USGS40000241620 | 1/4 - 1/2 Mile NW |
| 9 | USGS40000241594 | 1/2 - 1 Mile East |
| B13 | USGS40000241560 | 1/2 - 1 Mile South |
| 17 | USGS40000241582 | 1/2 - 1 Mile WSW |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------|---------------------|
| 10 | FL6412433 | 1/2 - 1 Mile WNW |

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|--------|-----------------|----------------------|
| 1 | FLSW60000006832 | 1/8 - 1/4 Mile South |
| 2 | FLSW60000006850 | 1/8 - 1/4 Mile ESE |
| 3 | FLSA70000019619 | 1/4 - 1/2 Mile NNW |
| 11 | FLSW60000006721 | 1/2 - 1 Mile SSW |
| B12 | FLSA70000019435 | 1/2 - 1 Mile South |
| 14 | FLSW60000006701 | 1/2 - 1 Mile SSW |
| C15 | FLSA70000019433 | 1/2 - 1 Mile SSE |
| C16 | FLSA70000019438 | 1/2 - 1 Mile SSE |
| 18 | FLSA70000019392 | 1/2 - 1 Mile South |

PHYSICAL SETTING SOURCE MAP - 3598540.2s



N County Boundary

N Major Roads

N Contour Lines

⊙ Earthquake epicenter, Richter 5 or greater

⊙ Water Wells

⊙ Public Water Supply Wells

● Cluster of Multiple Icons

↑ Groundwater Flow Direction

⊙ Indeterminate Groundwater Flow at Location

⊙ Groundwater Flow Varies at Location

⊙ Closest Hydrogeological Data

● Oil, gas or related wells

● Sink holes

SITE NAME: Sarasota Manatee MPO - TROP 13th Avenue East
 ADDRESS: 223 13th Avenue East
 Bradenton FL 34208
 LAT/LONG: 27.4884 / 82.5611

CLIENT: Cardno TBE
 CONTACT: Shawn Lasseter
 INQUIRY #: 3598540.2s
 DATE: May 06, 2013 4:46 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
South [Click here for full text details](#)
1/8 - 1/4 Mile
Higher

FL WELLS FLSW60000006832

2
ESE [Click here for full text details](#)
1/8 - 1/4 Mile
Higher

FL WELLS FLSW60000006850

3
NNW [Click here for full text details](#)
1/4 - 1/2 Mile
Higher

FL WELLS FLSA70000019619

4
West [Click here for full text details](#)
1/4 - 1/2 Mile
Higher

FED USGS USGS40000241600

5
NNW [Click here for full text details](#)
1/4 - 1/2 Mile
Higher

FED USGS USGS40000241617

A6
NNW [Click here for full text details](#)
1/4 - 1/2 Mile
Lower

FED USGS USGS40000241618

7
NE [Click here for full text details](#)
1/4 - 1/2 Mile
Lower

FED USGS USGS40000241613

A8
NW [Click here for full text details](#)
1/4 - 1/2 Mile
Lower

FED USGS USGS40000241620

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

9
East [Click here for full text details](#)
1/2 - 1 Mile
Lower

FED USGS USGS40000241594

10
WNW [Click here for full text details](#)
1/2 - 1 Mile
Higher

FRDS PWS FL6412433

11
SSW [Click here for full text details](#)
1/2 - 1 Mile
Higher

FL WELLS FLSW60000006721

B12
South [Click here for full text details](#)
1/2 - 1 Mile
Higher

FL WELLS FLSA70000019435

B13
South [Click here for full text details](#)
1/2 - 1 Mile
Higher

FED USGS USGS40000241560

14
SSW [Click here for full text details](#)
1/2 - 1 Mile
Higher

FL WELLS FLSW60000006701

C15
SSE [Click here for full text details](#)
1/2 - 1 Mile
Higher

FL WELLS FLSA70000019433

C16
SSE [Click here for full text details](#)
1/2 - 1 Mile
Higher

FL WELLS FLSA70000019438

17
WSW [Click here for full text details](#)
1/2 - 1 Mile
Higher

FED USGS USGS40000241582

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

18
South
1/2 - 1 Mile
Higher

[Click here for full text details](#)

FL WELLS FLSA70000019392

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: FL Radon

Radon Test Results

| Zip | Total Buildings | % of sites > 4 pCi/L | Data Source |
|-------|-----------------|----------------------|------------------------------------|
| 34208 | 53 | 3.8 | Certified Residential Database |
| 34208 | 66 | 3.0 | Mandatory Non-Residential Database |
| 34208 | 9 | 0.0 | Mandatory Residential Database |

Federal EPA Radon Zone for MANATEE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MANATEE COUNTY, FL

Number of sites tested: 83

| Area | Average Activity | % < 4 pCi/L | % 4-20 pCi/L | % > 20 pCi/L |
|-------------|------------------|--------------|--------------|--------------|
| Living Area | 0.740 pCi/L | 95% | 5% | 0% |
| Basement | Not Reported | Not Reported | Not Reported | Not Reported |

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

DEP GWIS - Generalized Water Information System Well Data

Source: Department of Environmental Protection

Telephone: 850-245-8507

Data collected for the Watershed Monitoring Section of the Department of Environmental Protection.

DOH and DEP Historic Study of Private Wells

Source: Department of Environmental Protection

Telephone: 850-559-0901

Historic database for private supply wells.

Well Construction Permitting Database

Source: Northwest Florida Water Management District

Telephone: 850-539-5999

Consumptive Use Permit Well Database

Source: St. Johns River Water Management District

Telephone: 386-329-4841

Permitted Well Location Database

Source: South Florida Water Management District

Telephone: 561-682-6877

Super Act Program Well Data

This table consists of data relating to all privately and publicly owned potable wells investigated as part of the SUPER Act program. The Florida Department of Health's SUPER Act Program (per Chapter 376.3071(4)(g), Florida Statutes), was given authority to provide field and laboratory services, toxicological risk assessments, investigations of drinking water contamination complaints and education of the public.

Source: Department of Health

Telephone: 850-245-4250

Water Well Location Information

Source: Suwannee River Water Management District

Telephone: 386-796-7211

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Water Well Permit Database

Source: Southwest Water Management District
Telephone: 352-796-7211

OTHER STATE DATABASE INFORMATION

Florida Sinkholes

Source: Department of Environmental Protection, Geological Survey
The sinkhole data was gathered by the Florida Sinkhole Research Institute, University of Florida.

Oil and Gas Permit Database

Source: Department of Environmental Protection
Telephone: 850-245-3194
Locations of all permitted wells in the state of Florida.

RADON

State Database: FL Radon

Source: Department of Health
Telephone: 850-245-4288
Zip Code Based Radon Data

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Appendix C

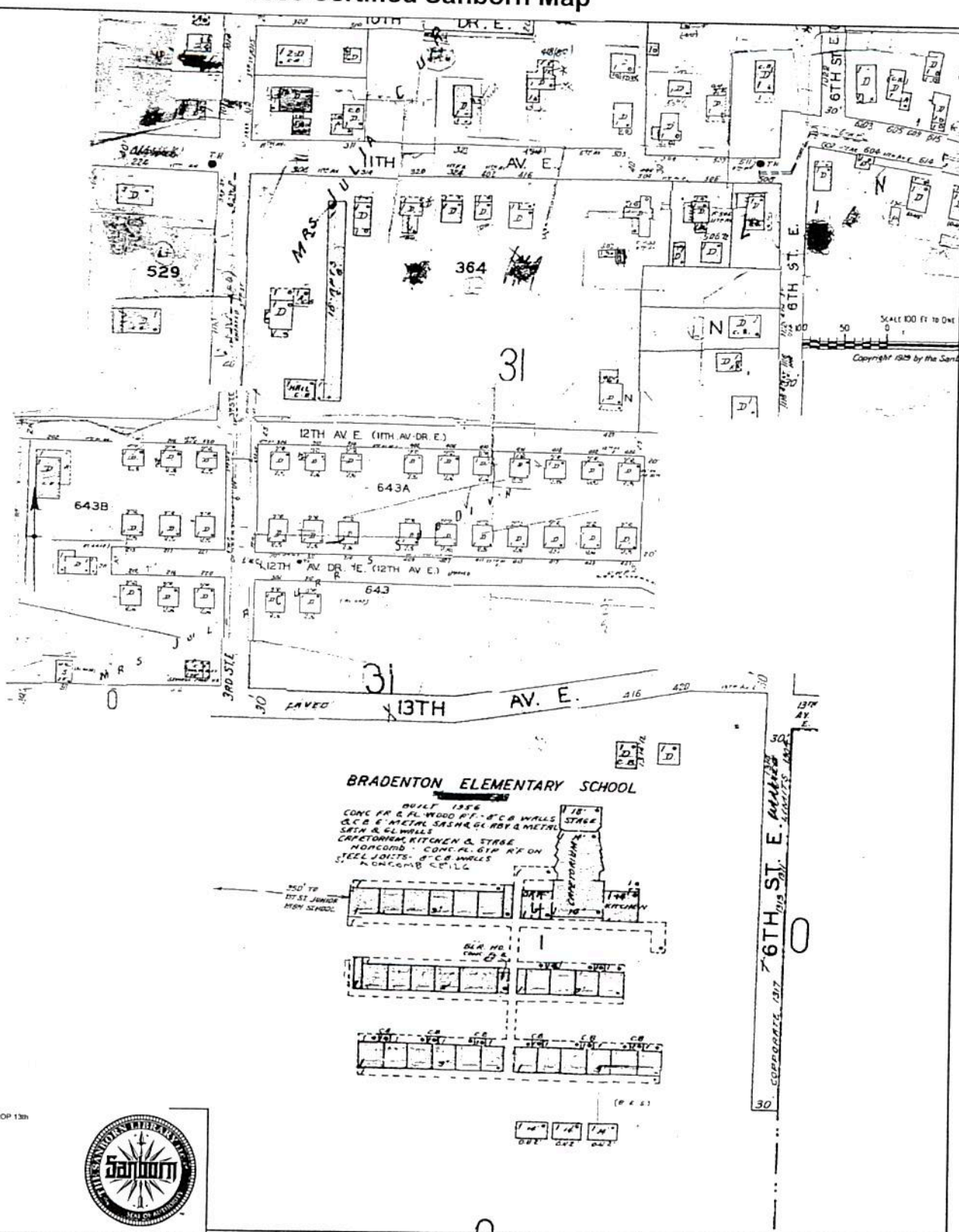
Sanborn Fire Insurance Map Search Results

1966 Certified Sanborn Map

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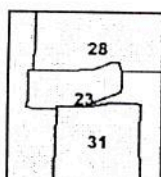
22F9-4372-A75B



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 City, ST, ZIP: Bradenton FL 34208
 Client: Cardno TBE
 EDR Inquiry: 3598540.3
 Order Date: 5/7/2013 6:34:00 PM
 Certification #: 22F9-4372-A75B
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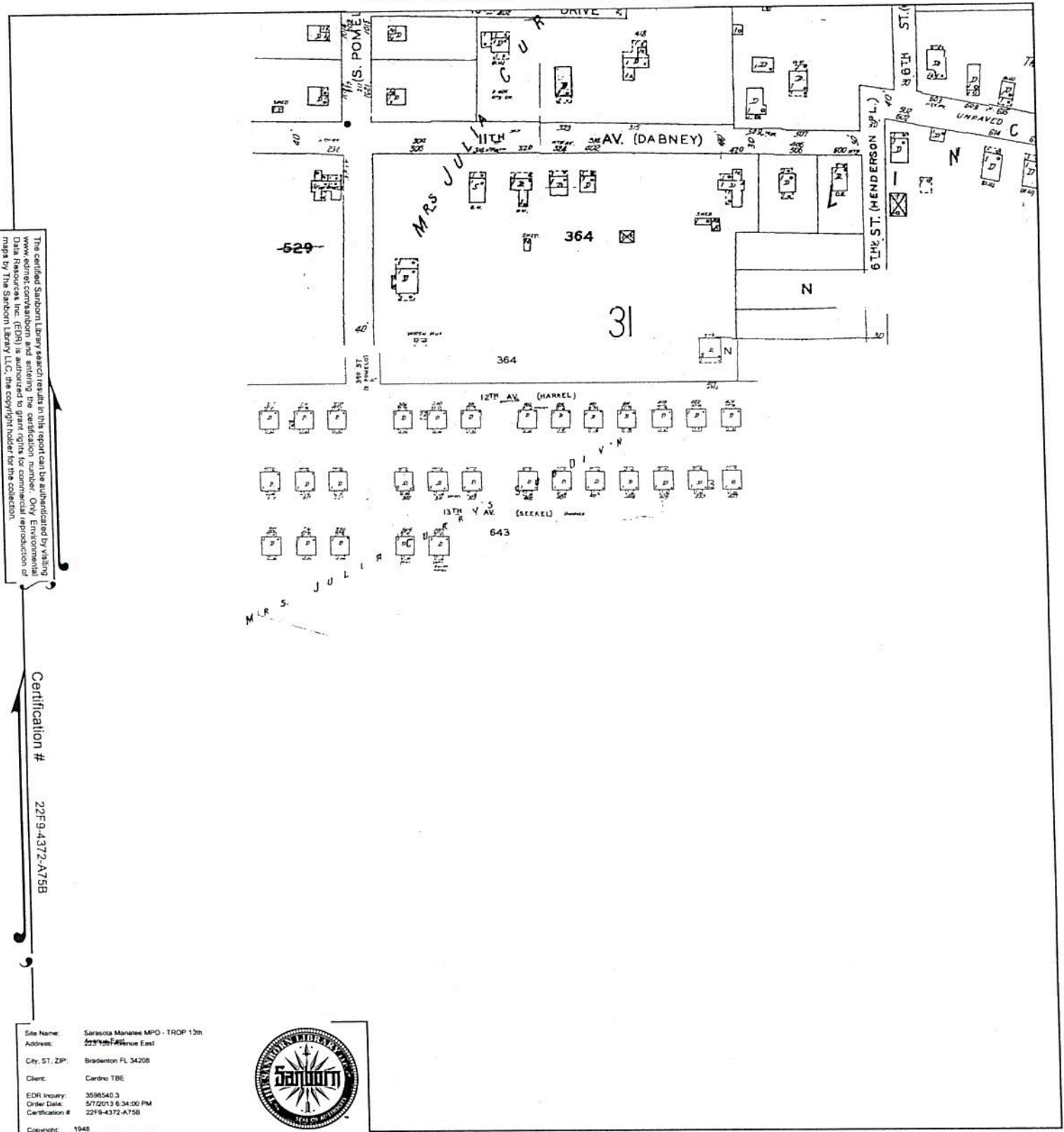


Volume 1, Sheet 23
 Volume 1, Sheet 28
 Volume 1, Sheet 31

0 Feet 150 300 600



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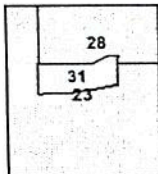
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 Address: 2251 13th Avenue East
 City, ST, ZIP: Bradenton FL 34208
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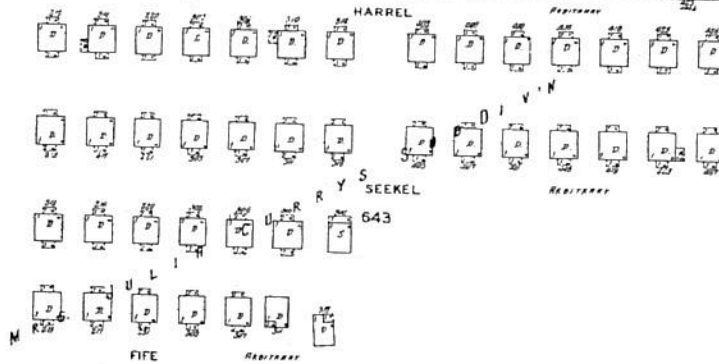
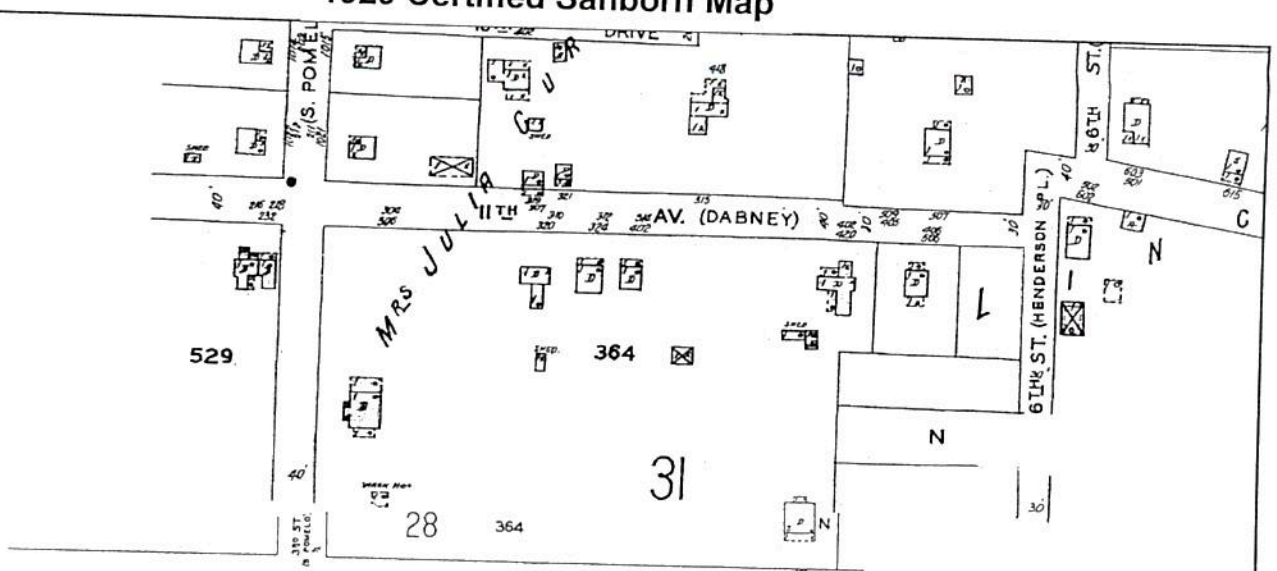


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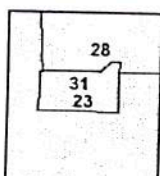
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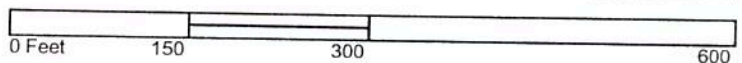
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 Address: 223 13th Avenue East
 City, ST, ZIP: Bradenton FL 34208
 Client: Cardno TBE
 EDR Inquiry: 3598540.3
 Order Date: 5/7/2013 6:34:00 PM
 Certification #: 22F9-4372-A75B
 Copyright: 1929



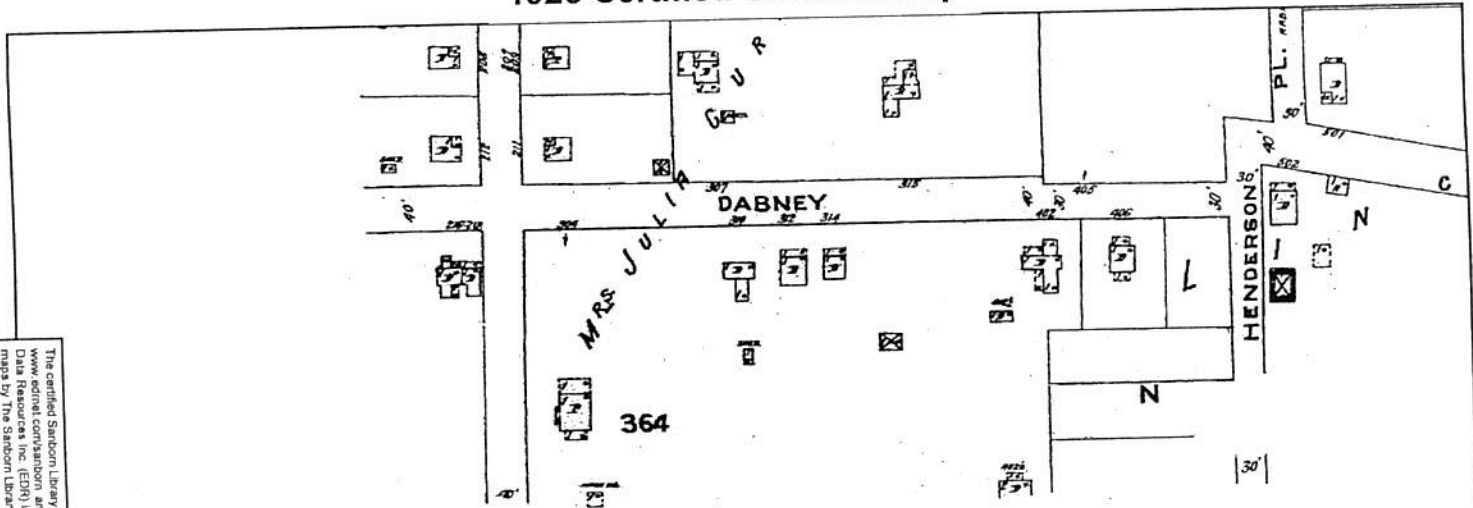
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 Volume 1, Sheet 28
 Volume 1, Sheet 31



1926 Certified Sanborn Map



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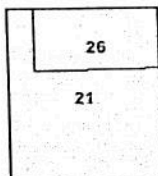
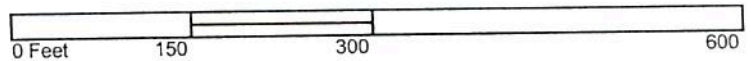
Certification #

22F9-4372-A75B

Site Name: Sarasota Manatee MPO - TROP 13th
 Address: 2231 13th Avenue East
 City, ST, ZIP: Bradenton FL 34208
 Client: Cartho TBE
 EDR Inquiry: 3598540.3
 Order Date: 5/7/2013 6:34:00 PM
 Certification #: 22F9-4372-A75B
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 Volume 1, Sheet 26



1922 Certified Sanborn Map

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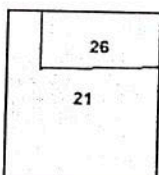
Certification #

22F9-4372-A75B

Site Name: Sarasota Manatee MPO - TROP 13th
 Address: 225 13th Avenue East
 City, ST, ZIP: Bradenton FL 34208
 Client: Cardno TBE
 EDR Inquiry: 3598540.3
 Order Date: 5/7/2013 6:34:00 PM
 Certification #: 22F9-4372-A75B
 Copyright: 1922



This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



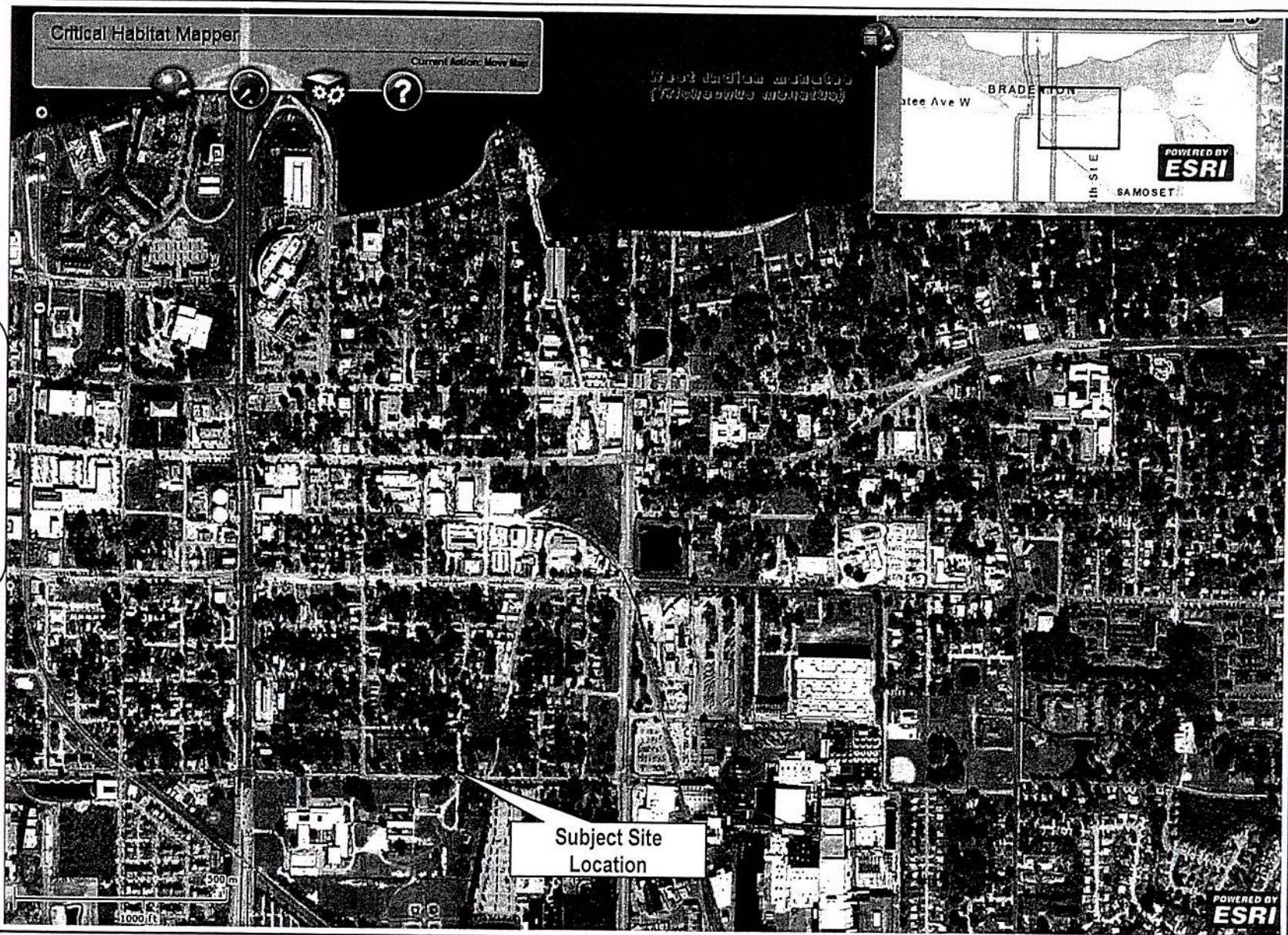
Volume 1, Sheet 21
 Volume 1, Sheet 26

0 Feet 150 300 600



Appendix D

USFW - Critical Habitat & Wetlands Inventory Search Results



13th Avenue East @ 6th Street East

409, 413, 417 13th Avenue E and 512 2nd Ave Dr. E
Bradenton, Manatee County, Florida

Parcel ID Nos. 4618800009, 4618700001, 4618600003, 4591300001

**U.S. Fish & Wildlife Service
Critical Habitat Map**



U.S. Fish and Wildlife Service National Wetlands Inventory

Legend

Shaded/numbered
areas = Identified
Wetlands (none
identified at this
scale)

Subject Site
Location

Tools

Print Map

Streets

Imagery/Labels

Topo

USGS Topo

Bradenton, FL

Find Location

Zoom to:

select

Available Layers

Help

- ☒ Wetlands ?
- ☐ Riparian ?
- ☐ Riparian Mapping Areas
- ☐ Data Source
- ☐ Source Type
- ☐ Image Scale
- ☐ Image Year
- ☐ Areas of Interest ?
- ☐ FWS Refuges ?
- ☐ Historic Wetland Data ?

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Scanned Wetlands Maps
- Scanned Wetlands Maps

0.4m
200m
500ft

Map Scale: 1:4514

Lat: 27.4922, Lng: -82.5518



13th Avenue East @ 6th Street East
409, 413, 417 13th Avenue E and 512 2th Ave Dr. E
Bradenton, Manatee County, Florida

U.S. Fish & Wildlife Service
National Wetlands Inventory Map

Appendix E

USDA Soil Survey Search Results



United States
Department of
Agriculture



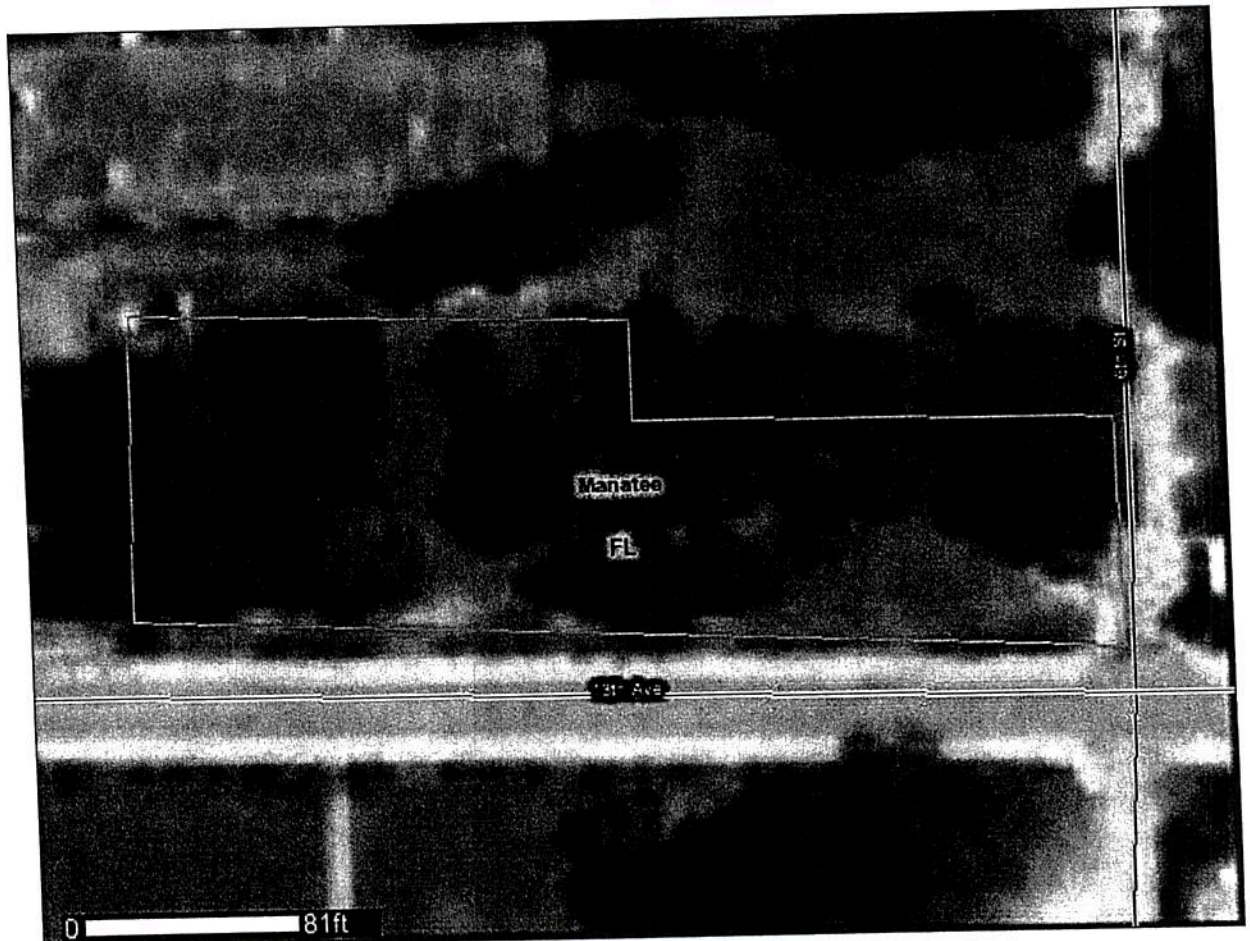
NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Manatee County, Florida**

13th Avenue @ 6th Street,
Bradenton



July 11, 2013

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://soils.usda.gov/sqi/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://soils.usda.gov/contact/state_offices/).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Soil Data Mart Web site or the NRCS Web Soil Survey. The Soil Data Mart is the data storage site for the official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means

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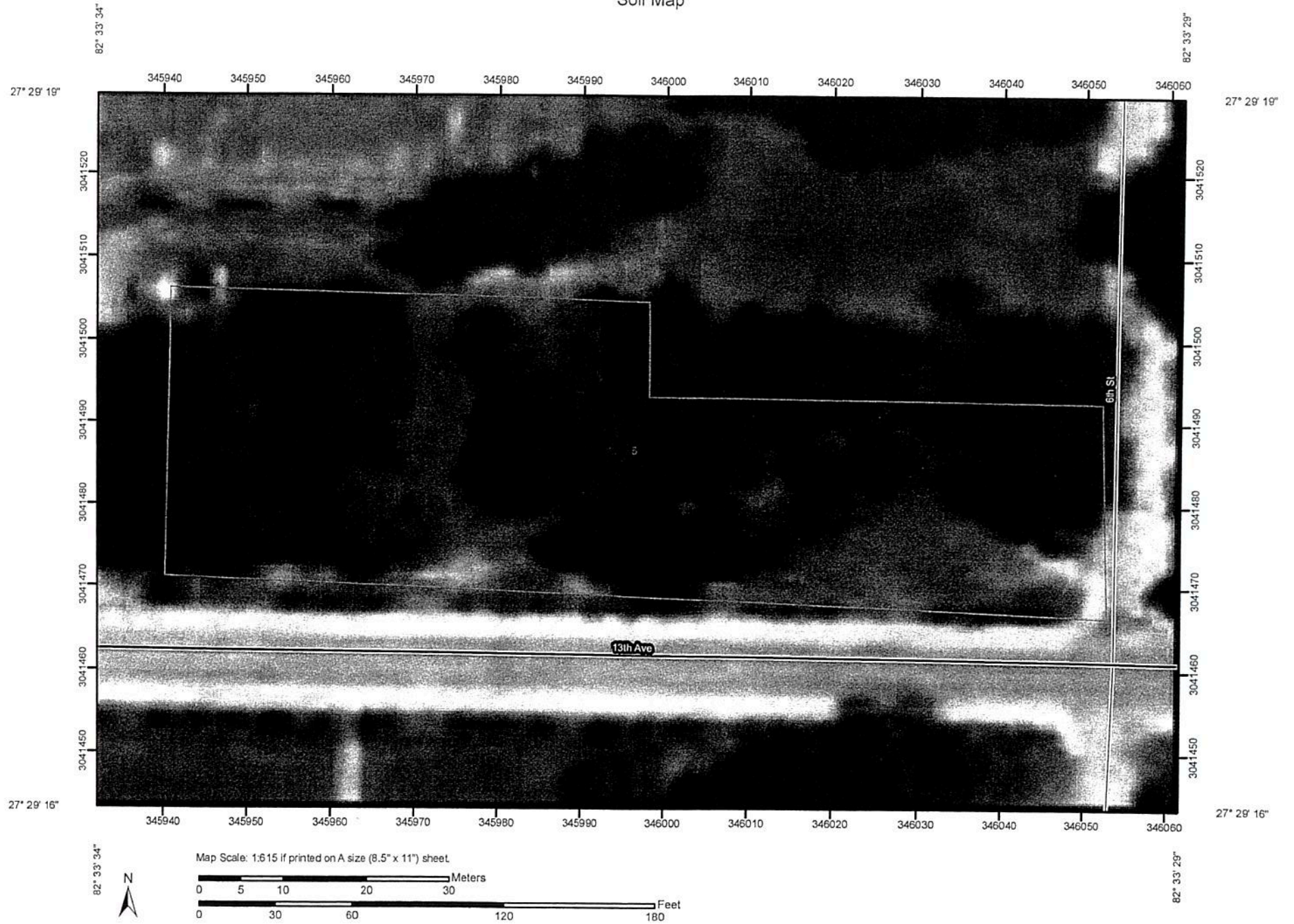
Contents

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| Map Unit Descriptions..... | 8 |
| Manatee County, Florida..... | 10 |
| 5—Bradenton fine sand, limestone substratum..... | 10 |

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.


Custom Soil Resource Report
Soil Map




Custom Soil Resource Report

MAP LEGEND








Area of Interest (AOI)


 Area of Interest (AOI)


Soils

 Soil Map Units

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot

 Very Stony Spot

 Wet Spot

 Other


Special Line Features

-  Gully
-  Short Steep Slope
-  Other

Political Features

 Cities

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

MAP INFORMATION

Map Scale: 1:615 if printed on A size (8.5" x 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 17N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Manatee County, Florida
Survey Area Data: Version 8, Jul 6, 2012

Date(s) aerial images were photographed: 6/8/2007

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Manatee County, Florida (FL081) | | | |
|---------------------------------|---|--------------|----------------|
| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
| 5 | Bradenton fine sand, limestone substratum | 0.8 | 100.0% |
| Totals for Area of Interest | | 0.8 | 100.0% |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Manatee County, Florida

5—Bradenton fine sand, limestone substratum

Map Unit Setting

Landscape: Coastal plains

Elevation: 20 to 40 feet

Mean annual precipitation: 48 to 56 inches

Mean annual air temperature: 68 to 75 degrees F

Frost-free period: 350 to 365 days

Map Unit Composition

Bradenton, limestone substratum, and similar soils: 90 percent

Minor components: 10 percent

Description of Bradenton, Limestone Substratum

Setting

Landform: Rises on marine terraces

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits over limestone

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: 40 to 80 inches to lithic bedrock

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: About 0 to 12 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water capacity: Low (about 5.4 inches)

Interpretive groups

Farmland classification: Not prime farmland

Land capability (nonirrigated): 3w

Hydrologic Soil Group: B/D

Ecological site: Wetland Hardwood Hammock (R155XY012FL)

Other vegetative classification: Loamy and clayey soils on flats of hydric or mesic
lowlands (G155XB341FL)

Typical profile

0 to 6 inches: Fine sand

6 to 13 inches: Fine sand

13 to 47 inches: Fine sandy loam

47 to 51 inches: Unweathered bedrock

Minor Components

Bradenton

Percent of map unit: 10 percent

Landform: Rises on marine terraces

Custom Soil Resource Report

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: Wetland Hardwood Hammock (R155XY012FL)

Other vegetative classification: Loamy and clayey soils on flats of hydric or mesic lowlands (G155XB341FL)

Appendix F

Site Visit Photos

Site Photos – 2013

13th Avenue @ 6th Street East, Bradenton, Manatee County, Florida



Left and Right: Typical views of the subject site.



Left: View looking across the subject site from 6th Street.

Right: View of adjacent family services and associated pad-mounted transformer.

